Department of Health
Pharmaceutical Division

Philippine National Formulary

8th Edition

ESSENTIAL MEDICINES LIST

Philippine National Formulary

Essential Medicines List

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PHILIPPINE NATIONAL FORMULARY
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8th Edition
2017

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ESSENTIAL MEDICINES LIST
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MESSAGE

The revitalization of the Fourmula One Plus for Health as the framework of the healthcare reform agenda of the national government is anchored on the values of equitable and inclusive health system, transparent and accountable provision of quality health services, and efficient use of resources. The 8th edition of the Philippine National Formulary (PNF) Essential Medicines List (EML) is a tool to exercise these values while contributing to the achievement of the objectives of financial protection and better health outcomes.

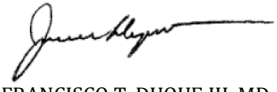
As an essential medicines list, its previous editions have been the basis of tailored procurement of medicines in public health facilities while providing efficient use of limited resources. It is also the basis of the Philippine Health Insurance Corporation (PhilHealth) in reimbursing claims to end-usersfor medicines use.

With its new format and content, the PNF EML 8th edition can now maximize the PNF's contribution to the rational use of medicines. Its abridged content is intended to provide concise evidence-based drug information which is vital in medical practice.

The latest PNF EML is a useful tool to ensure rational prescribing, dispensing and administration of medicines. I would like to encourage our health professionals to fully utilize it in their medicines procurement as well as in their day-to-day clinical decision-making.

Let us continue to work for our shared vision of all for health towards health for all!

Mabuhay!



FRANCISCO T. DUQUE III, MD, MSc
Secretary of Health

Republic of the Philippines
Department of Health
OFFICE OF THE SECRETARY

21 luly 2016

DEPARTMENT MEMORANDUM
No.2016- 0258

FOR: ALL DIRECTORS OF BUREAUS AND REGIONAL OFFICES, SECRETARY OF HEALTH DOH-ARMM; CHIEFS OF MEDICAL CENTERS, HOSPITALS AND SANITARIA; AND OTHERSCONCERNED

SUBJECT: Further clarification and guidance on the bidding specifications of solid oral dosage forms (tablets) in the Philippine National Formularv (PNF)

This is to inform everyone that, as per clarification and recommendation of the Food and Drug Administration (FDA), the bidding of TABLET shall be open to both uncoated and coated (film- and sugar-coated) tablets, unless otherwise specified in the PNF.

On the other hand, for thebiddingof the following solid oraldosage forms, the specific type of tablet should be clearly reflected in thepurchaserequest:

1. film-coatedtablets:
2. soluble tablets;
3. dispersible tablets;
4. effervescent tablets;
5. chewable tablets:
6. tablets for use in the mouth (including orally disintegrating, sublingual and buccal tablets): and
7. modified-release tablets (including delayed-release tablets gastro-resistant/enteric-coated tablets) and sustained-release tablets (extended-/prolonged-release tablets)).

For urgent and strict implementation.

PAULYN JEAN B. ROSELL-UBIAL, MD, MPH, CESO II
Secretary of Health

ABBREVIATIONS AND SYSTEM OF MEASUREMENTS

●	-	Medicinal plant product registered with BFAD
+	-	Use with extreme caution in doses exceeding 30 mg per day; contraindicated in acute coronaryevents
(1)	-	Specific expertise, diagnostic precision, orspecial equipment required for properuse
(2)	-	Limited indications or narrow spectrumof activity
(A1)	-	Dangerous Drug Preparations to be prescribed and dispensed through the DOH Official Prescription Form (Yellow Rx). Only one (1) dangerous drug preparation shall be prescribed in one single prescription form. Partial filling allowed. STRICTLY NO REFILL.
⊗	-	To be prescribed using Personalized Prescription issued by the prescribing physician with the S2 license # indicated therein. Only one (1) drug preparation shall be prescribed in one single prescription form. Partial filling allowed. STRICTLY NO REFILL.
(A2)	-	Drug Preparations Containing Controlled Chemicals to be dispensed and prescribed through a Personalized Prescription issued by a prescribing physician with the S2 license #, among others, indicated therein. Only one (1) drug preparation shall be prescribed in one single prescription form. Partial filling allowed. STRICTLY NOREFILL.
B	-	List B medicines requiring *in vivo* bioequivalence studies
DPI	-	Dry Powder Inhaler
equiv.	-	equivalent
EU	-	ELISA Unit
g	-	Gram
(ID)	-	Intradermal Injection
(IM)	-	Intramuscular Injection
Inj.	-	Injection
IU	-	International Unit/s
(IV)	-	Intravenous Injection
L	-	Liter
mcg	-	Microgram
mCi	-	Millicurie

MDI	-	Metered Dose Inhaler
mEq	-	Milliequivalent
mg	-	Milligram
mL	-	Milliliter
MR	-	Modified Release (includes Controlled Release (CR), Extended Release (ER) Sustained Release (SR), Long Acting (LA), etc.)
NSAID	-	Non-Steroidal Anti-Inflammatory Drug
pen. G	-	Penicillin G
PFU	-	Plaque Forming Unit
RE	-	Retinol Equivalent
Resp. Soln.	-	Respiratory Solution
S2	-	License required for prescription of Dangerous Drugs Preparations and Controlled Chemicals by the Physicians / Dentists / Veterinarians
(SC)	-	Subcutaneous Injection
Soln.	-	Solution

MEASUREMENTS:

1 grain	=	60 mg
½ grain	=	30 mg

Quantities of 1 gram or more should be written as 1 g, etc.

Quantities of less than 1 gram should be written in milligrams, e.g., 500 mg, not 0.5 g.

Quantities less than 1 milligram should be written in microgram/s, e.g., 100 microgram/s not 0.1 mg.

When decimals are unavoidable, a zero should be written before the decimal point where there is no figure, e.g., 0.5 mL, not .5 mL.

The term milliliter (mL) should be used and not cubic centimeters or cc or m^3.

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
A	
Abacavir	Oral: 300mg tablet (as sulfate)
Acetated Ringer's Solution	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na+ — 130 mmol/L K+ — 4 mmol/L Ca++ — 3 mmol/L Cl- — 109 mmol/L
Acetazolamide (B)	Oral: 250 mg tablet
Acetylcysteine	Oral: 600 mg effervescent tablet 100 mg and 200 mg sachet 100 mg/5 mL granules for suspension, 150 mL Inj.: 200 mg/mL, 10 mL ampul (IV infusion) (1, 2) 200 mg/mL, 25 mL bottle (IV infusion) Inhalation: 100 mg/mL, 3 mL ampule solution for inhalation
Aciclovir	Oral: 200 mg, 400 mg and 800 mg tablet 200 mg/5 mL suspension, 60 mL and 120mL Inj.: 25 mg/mL, 10 mL vial (IV infusion)
Activated Charcoal	Oral: powder, USP grade given as slurry
Adenosine (1, 2)	Inj.: 3 mg/mL, 2 mL vial (IV)
Adrenaline (see Epinephrine)	
Albendazole	Oral: 400 mg chewable tablet (B) 200 mg/5 mL suspension, 10 mL and 60 mL
Albumin, Human (1, 2)	Inj.: 20%, 50 mL and 100 mL bottle (IV, IV infusion) 25%, 50 mL and 100 mL bottle (IV, IV infusion) 25%, 50 mL plastic bag (IV, IV infusion)
Alcohol, Ethyl (1, 2)	Oral: 95%, USP grade Inj.: absolute, 1 mL ampul (IV) Solution: 70% topical solution
Alendronate (as sodium salt)	Oral: 10 mg and 70 mg tablet
Alendronate + Cholecalciferol (vitamin D3)	Oral: 70 mg (as sodium salt) + 5600 IU tablet
Alfuzosin (as hydrochloride)	Oral: 10 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
All-in-one Admixtures	Solution: Volume: 400 – 2500 mL Concentration: Variable Protein: 3-6 g/100 mL Carbohydrate: 6-15 g/100 mL Lipid: 2-5 g/100mL Calories: variable Electrolytes: variable
Allopurinol	Oral: 100 mg and 300 mg tablet
Alprazolam (A1)	Oral: ⊗250 microgram, 500 microgram and 1 mg tablet
Aluminum Hydroxide + Magnesium Hydroxide	Oral: 225 mg aluminum hydroxide + 200 mg magnesium hydroxide per 5 mL suspension, 60 mL and 120 mL 200 mg aluminum hydroxide + 100 mg magnesium hydroxide tablet
Amikacin (as sulfate)	Inj.: 50 mg/mL, 100 mg/mL, 125 mg/mL and 250 mg/mL, 2 mL ampul/vial (IM, IV) 100 mg, 250 mg, 500 mg and 1 g vial (IM, IV)
Amino Acid + carbohydrate + multivitamins + electrolytes	Inj.: solution for IV injection/infusion set, 1000 mL
Amino Acid + glucose + electrolytes + vitamin B1	Inj.: solution for peripheral venous infusion 500 mL and 1000 mL
Amino Acid Solutions for Immunonutrition / Immunoenhancement	Solution: Volume - 50 mL and 100 mL Protein - 20 g; L-alanyl-L- glutamine Calories - 70 - 90 Electrolytes - none
Amino Acid Solutions for Infants	Solution: Volume - 100 mL Concentration - 5 - 10 % Protein – 5 – 10 g including taurine Calories - 20 - 40 kcal Electrolytes - none

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Amino Acid Solutions for Renal Condition	Solution: Volume – 250 – 500 mL Concentration – 3.5 - 7 % Protein – 17.5 - 35 g rich in essential amino acid Calories – 50 - 200 Kcal
Amino Acid Solutions for Hepatic Failure	Solution: Volume – 500 mL Concentration – 5 - 10 % Protein – 35-50 g; rich in branched-chain amino acids Calories – 50 - 200 Electrolytes – variable
Amino Acids, Crystalline Standard	Inj.: 3.5%, 500 mL bottle (IV infusion) 5%, 100 mL, 250 mL and 500 mL bottle (IV infusion) 6%, 100 mL and 250 mL bottle (IV infusion) 7%, 8.5%, 10%, and 11.4%, 100 mL, 500 mL and 1 L bottle (IV infusion) 8%, 500 mL bottle (IV infusion) (as branched chain) 9.12%, 20 mL ampul and 200 mL bottle (IV infusion) 10%, 100 mL and 500 mL bottle (IV infusion)
Aminophylline (theophylline ethylenediamine) (1)	Inj.: 25 mg/mL, 10 mL ampul (IV)
Amiodarone (as hydrochloride) (2)	Oral: 200 mg tablet Inj.: 50 mg/mL, 3 mL ampul (IV) (2)
Amlodipine (as besilate/camsylate)	Oral: 5 mg and 10 mg tablet
Amoxicillin (as trihydrate)	Oral: 250 mg and 500 mg capsule 100 mg/mL granules/powder for drops (suspension), 15 mL 250 mg/5 mL granules/powder for suspension,60 mL
Amoxicillin + Potassium Clavulanate (see Co-Amoxiclav)	
Amphotericin B (Lipid Complex) (as cholesteryl complex, colloidal dispersion) (1) *Reserve Antimicrobial	Inj.: 50 mg and 100 mg vial (IV infusion)
Amphotericin B (Non-Lipid Complex) (1) *Reserve Antimicrobial	Inj.: 50 mg lyophilized powder, vial (IV infusion)
Ampicillin (as sodium salt)	Inj.: 250 mg, 500 mg and 1 g vial (IM, IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Ampicillin + Sulbactam	Inj.: 500 mg ampicillin + 250 mg sulbactam (IM, IV) (as sodium salt) per vial 1000 mg ampicillin + 500 mg sulbactam (IM, IV) (as sodium salt) per vial 2000 mg ampicillin + 1000 mg sulbactam (IM, IV) (as sodium salt) per vial
Anastrazole	Oral: 1 mg film coated tablet
Anti-D Immunoglobulin (human anti-D immunoglobulin)	Inj.: 200 micrograms/mL, 1.5 mL ampul (IM)
Antilymphocyte Immunoglobulin (ALG) (equine) (1, 2)	Inj.: 100 mg/5 mL vial (IV)
Antithymocyte Immunoglobulin (ATG) (rabbit) (1, 2)	Inj.: 25 mg/5 mL vial (IV)
Anti-rabies serum (equine)	Inj.: 200 IU/mL, 5 mL vial (IM) 400 IU/mL, 5 mL vial (IM)
Anti-tetanus serum (equine)	Inj.: 4000 IU/mL, 2.5 mL vial (IM) 1500 IU/0.7 mL solution for injection, vial/ampul (IM) 1500 IU/mL, 1 mL and 1.5 mL vial/ampul (IM)
Aripiprazole	Oral: 10 mg, 15 mg, 20 mg and 30 mg tablet 10 mg and 15 mg orally disintegrating tablet (ODT) Inj.: 300 mg and 400 mg (200 mg/mL) lyophilized powder for extended-release suspension for injection in pre-filled dual chamber syringe
Artemether + Lumefantrin (B)	Oral: 20 mg artemether + 120 mg lumefantrin tablet
Artesunate	Inj: 60 mg vial injectable Rectal: 50 mg suppository
Ascorbic Acid (vitamin C)	Oral: 100 mg and 500 mg tablet 100 mg/5 mL syrup, 60 mL and 120 mL 100 mg/mL drops, 15 mL and 30 mL Inj.: 250 mg/mL, 2 mL ampul (IV) (1, 2)
Asparaginase (1, 2)	Inj.: lyophilized powder, 10,000 IU vial (IV)
Aspirin	Oral: 80 mg, 100 mg tablet, 300 mg tablet and 325mg tablet
Atenolol	Oral: 50 mg and 100 mg tablet
Atorvastatin calcium	Oral: 10 mg, 20 mg, 40 mg and 80 mg tablet
Atracurium (as besilate)	Inj.: 10 mg/mL, 2.5 mL and 5 mL ampul (IV)
Atropine (as sulfate) (1, 2)	Oral: 600 micrograms (equiv. to 500 mcg atropine) tablet Inj.: 500 micrograms/mL, 600 micrograms/mL and 1 mg/mL, 1 mL ampul (IM, IV, SC) Eye Drops Solution:

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	1%, 5 mL and 10 mL bottle
Azathioprine (1, 2) (B)	Oral: 50 mg tablet
Azithromycin	Oral: 250 mg capsule (as base*/asdihydrate) 250 mg and 500 mg (B) tablet (as base*/as dihydrate/as monohydrate) 200 mg/5 mL powder for suspension, 15 mL and 60 mL (as base*/as dihydrate/as monohydrate) Inj.: 500 mg powder, vial (IV infusion) (as base*/as dihydrate)
Aztreonam *Reserve Antimicrobial	Inj.: 1 g powder for injection
B	
Bacitracin + Neomycin + Polymixin B	Ointment: 200 units bacitracin + 3 mg neomycin (as sulfate) + 4000 units polymyxin B (as sulfate)/g, 10 g tube
Baclofen	Oral: 10 mg tablet
Balanced Multiple Maintenance Solution	Inj.: with 5% dextrose, 250 mL and 500 mL (infants) and 1 L (children and adults) bottle/bag (IV infusion) Composition:

	Infants	Children & Adults
Dextrose	50 g/L	50 g/L
Na^+	25-30 mmol/L	40-50 mmol/L
K^+	20-25 mmol/L	13-30 mmol/L
Mg^{++}	1.35-1.65 mmol/L	1.65 mmol/L
Cl^-	22 mmol/L	40 mmol/L
Acetate	23 mmol/L	16 mmol/L

Balanced Multiple Replacement Solution	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na+ — 140-145 mmol/L K+ — 4-5 mmol/L Mg++ — 1-1.65 mmol/L Cl- — 98-127 mmol/L Acetate — 24-50 mmol/L plus 5% dextrose (50g/L)
Balanced Multiple Replacement Solution w/ pH 7.4	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na+ — 140 mmol/L

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	K+ — 5 mmol/L Mg++ — 3 mmol/L Cl- — 98 mmol/L Acetate — 50 mmol/L
Barium Sulfate	Oral: powder, USP grade suspended in water 340 g and 454 g, pouch, LDPE bag
Basiliximab (1, 2)	Inj.: 20 mg vial (IV infusion)
BCG Vaccine	Inj.: freeze-dried powder, 100 micrograms/0.1 mL, 1 mL, 1.5 mL and 2 mL vial (ID) 500 micrograms/mL vial + 1 mL diluent in ampul (ID) 20 doses
Bedaquiline fumarate	Oral: 100 mg tablet (For use by the National Tuberculosis Control Program (NTP) of the Department of Health (DOH) only.)
Benzoyl Peroxide	Gel: 5%, 20 g tube
Benzyl Benzoate	Lotion: 25%, 60 mL and 120 mL bottle
Beractant	Inj.: 25 mg/mL suspension, 4 mL and 8 mL vial, Intratracheal administration (restricted to tertiary hospitals with adequately trained neonatologist and facilities for neonatal intensive care)
Betahistine (as hydrochloride/ dihydrochloride)	Oral: 8 mg, 16 mg and 24 mg tablet
Betamethasone	Cream or Ointment: 0.05%, 5 g and 10 g tube (as dipropionate) 0.1%, 5 g tube (as valerate)
Betaxolol (as hydrochloride)	Eye Drops Suspension: 0.25%, 5 mL bottle Eye Drops Solution: 0.5%, 5 mL and 10 mL bottle
Bicalutamide	Oral: 50 mg and 150 mg tablet/ film coated tablet
Biperiden	Oral: 2 mg tablet (as hydrochloride) Inj.: 5 mg/mL, 1 mL ampul (IM, IV) (as lactate)
Biphasic Isophane Human Insulin 70/30 (recombinant DNA)	Inj.: 70% isophane suspension + 30% soluble insulin in: 100 IU/mL, 5 mL and 10 mL vial (SC) 100 IU/mL, 3 mL disposable syringe (SC) 100 IU/mL, 3mL glass cartridge (SC)
Bisacodyl	Oral: 5 mg tablet 5 mg MR tablet Rectal: 5 mg (children) and 10 mg (adult) suppository
Bisoprolol	Oral: 2.5 mg and 5 mg tablet (as fumarate)
Bleomycin (as sulfate) (1, 2)	Inj.: powder, 15 IU ampul/vial (IM, IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Brimonidine (as tartrate)	Ophthalmic Solution: 0.15%, 5 mL bottle
Brinzolamide	Ophthalmic Suspension: 1%, 5 mL bottle
Bromazepam (A1)	Oral: ⊗1.5 mg tablet
Bromocriptine (as mesilate) (1, 2)	Oral: 2.5 mg tablet
Budesonide	Inhalation: DPI: 100 micrograms/dose x 200 doses with appropriate accompanyingdispenser 200 micrograms/dose x 100 doses and 200 doses with appropriate accompanying dispenser MDI: 200 micrograms/dose x 120 actuations Resp. Soln.: (for nebulization) 250 micrograms/mL, 2 mL (unit dose)
Budesonide + Formoterol	Inhalation: DPI: 80 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 60 doses with appropriate accompanying dispenser 160 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 60 doses with appropriate accompanying dispenser 320 micrograms budesonide + 9 micrograms formoterol (as fumarate) x 60 doses with appropriate accompanying dispenser MDI: 80 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 120 doses with appropriate accompanying dispenser 160 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 120 doses with appropriate accompanying dispenser
Bumetanide	Oral: 1 mg tablet Inj.: 500 micrograms/mL, 4 mL ampul (IM, IV)
Bupivacaine (as hydrochloride) (1)	Inj.: 0.5%, 5 mL, 10 mL and 20 mL vial 0.5%, 5 mL, 10 mL, 20 mL and 50 mL ampul/vial (local infiltration) 0.5% 4 mL ampul (spinal) with 8% dextrose

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	0.5% (isobaric), 5 mL ampul (spinal)
Butamirate (as citrate) (2)	Oral: 50 mg MR tablet 7.5 mg/5 mL syrup, 120 mL
Butorphanol (as tartrate) (A1)	Inj.: 2 mg/mL, 1 mL and 2 mL ampul/vial (IM, IV)
C	
Calamine, Plain	Lotion: 8%, 60 mL and 120 mL bottle
Calcipotriol	Ointment: 50 microgram/g, 30 g tube or bottle
Calcipotriol + Betamethasone	Ointment: 50 microgram calcipotriol (as hydrate) + 500 microgram betamethasone (as dipropionate)/g, 30 g tube
Calcitriol (1, 2)	Oral: 0.25 microgram capsule
Calcium	Oral: tablet (equiv. to 500 mg elemental calcium) (as lactate) tablet/chewable tablet (equiv. to 500 mg and 600 mg elemental calcium) (as carbonate) powder, USP grade (as chloride) Inj.: 10% solution in 10 mL ampul (IV) (as gluconate)
Calcium Carbonate	Oral: tablet/chewable tablet (equiv. to 500 mg and600 mg elemental calcium)
Calcium Carbonate + Cholecalciferol (vitamin D3)	Oral: Equiv. to 500 mg elemental Ca + 400 IU Vit. D3 Equiv. to 600 mg elemental Ca + 400 IU Vit. D3
Calcium Folinate (leucovorin calcium) (1, 2)	Inj.: 10 mg/mL, 5 mL ampul/vial (IM, IV) 50 mg vial (IM, IV)
Calcium Gluconate (1, 2)	Inj.: 10%, 10 mL ampul/vial (IV) 10%, 20 mL and 25 mL bottle (IV)
Calcium Sennosides (equivalent to Standardized Senna concentrate)	Oral: 8.77 mg and 17.54 mg (calculated as sennoside B) tablet
Capecitabine (1, 2)	Oral: 150 mg and 500 mg tablet
Capreomycin	Inj.: 1 gram powder for injection (IV, IM)
Captopril	Oral: 25 mg and 50 mg tablet
Carbachol	Intraocular Solution: 0.01%, 1.5 mL vial
Carbamazepine	Oral: 200 mg tablet (B) 200 mg and 400 mg MR tablet 100 mg/5 mL syrup, 120 mL
Carbetocin	Inj.: 100 mcg/mL, 1 mL ampule/vial, solution for Injection (IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Carboplatin (1, 2)	Inj.: powder, 150 mg and 450 mg vial (IV) 10 mg/mL, 15 mL and 45 mL vial (IV)
Carboprost	Inj.: 125 mcg/0.5 mL solution for injection, 0.5 mL ampul/vial 250 mcg/mL solution for injection, 1 mL ampule/vial
Carboxymethylcellulose (as sodium)	Eye Drops Solution: 0.5%, 0.4 mL and 15 mL bottle
Carvedilol	Oral: 6.25 mg tablet and 25 mg tablet
Castor Oil	Oral: USP grade
Cefalexin (as monohydrate)	Oral: 500 mg capsule 100 mg/mL, granules/powder for drops, 10 mL 125 mg/5 mL granules/powder for syrup/suspension, 30 mL 250 mg/5 mL granules/powder for syrup/suspension, 60 mL
Cefazolin (as sodium salt)	Inj.: 500 mg and 1 g vial (IM, IV)
Cefepime (as hydrochloride) *Reserve Antimicrobial	Inj.: 500 mg, 1 g and 2 g vial (IM, IV)
Cefixime	Oral: 200 mg and 400 mg capsule (B) 20 mg/mL granules for drops (suspension), 10 mL 100 mg/5 mL granules for suspension, 60 mL
Cefotaxime (as sodium salt)	Inj.: 250 mg vial + 2 mL diluent (IM, IV) 500 mg vial + 2 mL diluent (IM, IV)
Cefoxitin	Inj.: 1 g vial (IM, IV) (as sodium salt) 1g (as sodium) powder for injection with 4% Dextrose Solution for Injection (IV Infusion)
Ceftaxidime (Ceftazidime)	Inj.: 250 mg, 500 mg and 1 g vial (IM, IV) (as pentahydrate) 2 g vial (IV infusion) (as pentahydrate)
Ceftriaxone (as disodium/sodium salt)	Inj.: 250 mg vial + 2 mL 1% solution of lidocaine (IM) 500 mg vial + 2 mL 1% solution of lidocaine (IM) 250 mg vial + 5 mL diluent (IV) 1 g vial + 3.5 mL 1% solution of lidocaine (IM) 1 g vial + 10 mL diluent (IV)
Cefuroxime	Oral: 500 mg tablet (as axetil) 125 mg/5 mL granules for suspension, 70 mL (as axetil) 250 mg/5 mL granules for suspension, 50 mL content in 120 mL bottle Inj.: 250 mg and 750 mg vial (IM, IV) 1.5 g vial (IV infusion) (as sodium salt)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Celecoxib	Oral: 100 mg, 200 mg and 400 mg capsule
Cetirizine (as dihydrochloride)	Oral: 10 mg tablet 2.5 mg/mL syrup (oral drops), 10 mL 10 mg/mL drops, 10 mL 1 mg/mL solution, 30 mL and 60 mL 5 mg/5 mL syrup, 30 mL
Chlorambucil (1, 2)	Oral: 2 mg tablet
Chloramphenicol	Oral: 500 mg capsule 125 mg/5 mL suspension, 60 mL (as palmitate) Inj.: 1 g vial (IV; IM if recommended by manufacturer) (as sodium succinate)
Chlorhexidine	Solution: 0.12% and 4%, 50 mL, 120 mL, 380 mL, 500 mL, 4 L and 5 L (as gluconate)
Chloroquine (as phosphate or diphosphate)	Oral: 250 mg (150 mg base) tablet Inj.: 50 mg/mL, 20 mL vial (IM, IV)
Chlorphenamine (Chlopheniramine) (as maleate)	Oral: 4 mg tablet 2.5 mg/5 mL syrup, 60 mL Inj.: 10 mg/mL, 1 mL ampul/vial (IM, IV)
Chlorpheniramine (see Chlorphenamine)	
Chlorpromazine (as hydrochloride)	Oral: 100 mg and 200 mg tablet
Ciclosporin (1, 2)	Oral: 25 mg, 50 mg and 100 mg capsule (B) 100 mg/mL solution, 50 mL Ophthalmic Emulsion: 0.05%, 0.4 mL bottle
Cilostazol	Oral: 50 mg and 100 mg tablet 50 mg (20% w/w), 0.25 g sachet powder for oral use 100 mg (20% w/w), 0.5 g sachet powder for oral use
Cinnarizine	Oral: 25 mg tablet
Ciprofloxacin	Oral: 250 mg and 500 mg tablet (as hydrochloride) Inj.: 2 mg/mL, 100 mL vial (IV infusion) (as lactate) 400 mg/200 mL (IV infusion)
Cisplatin (1, 2)	Inj.: 1 mg/mL, 10 mL and 50 mL vial (IV)
Clarithromycin	Oral: 250 mg and 500 mg base tablet 125 mg/5 mL and 250 mg/5 mL granules/powder for suspension, 50 mL
Clindamycin	Oral: 150 mg and 300 mg capsule (as hydrochloride) 75 mg/5 mL granules for suspension, 60 mL (as palmitate hydrochloride)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Inj.: 150 mg/mL, 2 mL ampul/vial and 4 mL ampul (IM, IV) (as phosphate)
Clobetasol (as propionate)	Cream or Ointment: 0.05%, 5 g and 15 g tube Shampoo: 0.05%, 25 mL bottle
Clofazimine (B)	Oral: 50 mg and 100 mg capsule (available under DOH program)
Clomifene (1, 2)	Oral: 50 mg tablet (as citrate)
Clonazepam (A1)	Oral: ⊗500 micrograms and 2 mg tablet
Clonidine	Oral: 75 micrograms and 150 micrograms tablet (as hydrochloride) Inj.: 150 micrograms/mL, 1 mL ampul (IV) (as hydrochloride)
Clopidogrel	Oral: 75 mg tablet
Clotrimazole	Cream: 1% (10 mg/ g), 3 g, 10 g and 20 g aluminum collapsible tube 2% (20 mg/ g), 30 g aluminum collapsible tube Vaginal Cream: 1%, 10 g aluminum collapsible tube Ear Solution: 1% otic solution
Cloxacillin (as sodium salt)	Oral: 500 mg capsule 250mg/ 5mL powder for oral solution, 60 mL
Clozapine (1, 2)	Oral: 25 mg and 100 mg tablet (requires hematologic monitoring)
Co-Amoxiclav (amoxicillin + potassium clavulanate)	Oral: 500 mg amoxicillin (as trihydrate) + 125 mg potassium clavulanate per tablet 875 mg amoxicillin (as trihydrate) + 125 mg potassium clavulanate per tablet 200 mg amoxicillin (as trihydrate) + 28.5 mg potassium clavulanate per 5 mL granules/powder for suspension, 70 mL 400 mg amoxicillin (as trihydrate) + 57 mg potassium clavulanate per 5 mL granules/powder for suspension, 70 mL 600 mg amoxicillin (as trihydrate) + 42.9 mg potassium clavulanate per 5 mL granules/powder for suspension
Cobra Antivenin	Inj.: 800 MU/ 4.8 mL, 1 mL ampul (for IV infusion) 800 IU/mL, 5 mL ampul (IV infusion) (1, 2)
Codeine (A1)	Oral: 30 mg MR capsule (as phosphate)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	10 mg/5 mL, 60 mL suspension
Colchicine	Oral: 500 microgram tablet
Colistin *Reserve Antimicrobial	Inj.: 2,000,000 IU lyophilized powder for injection (IV infusion)
Combined Glucose-Amino Acid Solutions	Volume — 100 mL and 500 mL Concentration — variable Glucose (Sorbitol) — 25 - 50 g Protein — 20 - 30 g Calories — 300 - 450 Kcal Electrolytes — variable
Conjugated Estrogen	Oral: 625 micrograms and 1.25 mg tablet
Cotrimoxazole (sulfamethoxazole + trimethoprim)	Oral: 400 mg sulfamethoxazole + 80 mg trimethoprim tablet/capsule (B) 800 mg sulfamethoxazole + 160 mg trimethoprim tablet (B) 200 mg sulfamethoxazole + 40 mg trimethoprim/ 5 mL suspension, 70mL and 120mL 400 mg sulfamethoxazole + 80 mg trimethoprim per 5 mL suspension, 60 mL Inj.: 400 mg sulfamethoxazole + 80 mg trimethoprim, 5 mL ampul (IV infusion)
Crotamiton	Lotion: 10%, 60 mL bottle
Cyclophosphamide (1, 2)	Inj.: powder, 200 mg, 500 mg and 1 g vial (IV)
Cycloserine	Oral: 250 mg capsule
Cyproterone (as acetate) (1, 2)	Oral: 50 mg tablet
Cytarabine (1, 2)	Inj.: 20 mg/mL, 5 mL ampul (IM, SC, intrathecal) 100 mg/mL solution for injection, 1 mL, 5mL and 10 mL
D	
Dacarbazine (1, 2)	Inj.: powder, 100 mg and 200 mg vial (IV, IV infusion)
Daclatasvir	Oral: 60 mg tablet
Dactinomycin (1, 2)	Inj.: powder, 500 micrograms vial (IV)
Danazol (1)	Oral: 200 mg capsule
Dantrolene (as sodium salt)	Oral: 25 mg and 50 mg capsule (1) Inj.: 20 mg (with mannitol 3 g)/vial (for reconstitution with 60 mL sterile water for injection) (IV) (1, 2)
Dapsone (B)	Oral: 100 mg tablet
Deferiprone (1, 2)	Oral: 500 mg tablet
Deferasirox	Oral: 125 mg and 250 mg dispersible tablets
Deferoxamine (as mesilate)	Inj.: powder, 500 mg vial (IM, IV infusion, SC)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
(1, 2)	
Delamanid	Oral: 50 mg film coated tablet (For use by the National Tuberculosis Control Program (NTP) of the Department of Health (DOH) only.)
Desflurane (1)	Inhalation: 240 mL bottle
Desmopressin (as acetate)	Oral: 100 micrograms and 200 micrograms tablet Inj.: 15 micrograms/mL, 1 mL ampul (IM, SC) (as acetate)
Dexamethasone	Oral: 500 micrograms, 750 micrograms, 3 mg and 4 mg tablet Inj.: 4 mg/mL, 1 mL and 2 mL ampul/vial (IM, IV) (as sodium phosphate) 5 mg/mL, 1 mL ampul (IM, IV) (as sodium phosphate) Eye Drops Suspension: 0.1%, 5 mL bottle
Dextran, High Molecular Weight (Dextran 70)	Inj.: 6% dextran 70 in 0.9% sodium chloride, 500 mL bottle (IV infusion) 6% dextran 70 in 5% dextrose, 500 mL bottle (IV infusion)
Dextromethorphan (as hydrobromide) (2)	Oral: 10 mg tablet
5% Dextrose in 0.3% Sodium Chloride	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose — 50 g/L Na+ — 51 mmol/L Cl- — 51 mmol/L
5% Dextrose in 0.45% Sodium Chloride	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose — 50 g/L Na+ — 77 mmol/L Cl- — 77 mmol/L
5% Dextrose in 0.9% Sodium Chloride	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose — 50 g/L Na+ — 154 mmol/L Cl- — 154 mmol/L

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
5% Dextrose in Lactated Ringers	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose — 50 g/L Na+ — 130 mmol/L K+ — 4 mmol/L Ca++ — 1.22 – 1.5 mmol/L Cl- — 109 mmol/L Lactate — 28 mmol/L
5% Dextrose in Water	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion and as vehicle for IV medications)
10% Dextrose in Water	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) 3 mL ampul (as solvent)
Diazepam (1, A1)	Oral: ⊗5 mg tablet Inj.: 5 mg/mL, 2 mL ampul (IM, IV)
Diclofenac	Oral: 25 mg and 50 mg tablet/capsule (as sodium or potassium salt) 50 mg enteric coated tablet or MR tablet (as sodium salt) 100 mg MR tablet/capsule (as sodium or potassium salt) Inj.: 25 mg/mL, 3 mL ampul (IM, IV) (as sodiumsalt)
Dicycloverine (Dicyclomine) (as hydrochloride)	Oral: 10 mg tablet 10 mg/5 mL syrup, 60 mL
Diethylcarbamazine	Oral: 50 mg and 100 mg tablet (available under DOH program)
Digoxin (2)	Oral: 250 micrograms tablet 50 micrograms/mL elixir, 60 mL Inj.: 250 micrograms/mL, 2 mL ampul (IM, IV)
Diloxanide (as furoate)	Oral: 500 mg tablet (B) 125 mg/5 mL syrup/suspension, 30 mL and 60 mL
Diltiazem (as hydrochloride)	Oral: 60 mg tablet 60 mg, 120 mg, 180 mg and 240 mg MR capsule (as hydrochloride) 120 mg and 180 mg MR tablet (as hydrochloride)
Dimeglumine Gadopentetate	Inj.: 469 mg/mL aqueous solution, 5 mL, 10 mL and 20 mL vial
Dimercaprol (1, 2)	Inj.: (in oil) 50 mg/mL, 2 mL ampul (IM)
Dimercaptopropane-sulphonate (DMPS) (1, 2)	Inj.: 100 mg/mL, 1 mL ampul and 10 mL vial (IM)
Diphenhydramine (as hydrochloride)	Oral: 25 mg and 50 mg capsule 12.5 mg/5 mL, 30 mL and 60 mL syrup

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Inj.: 50 mg/mL, 1 mL ampul (IM, IV)
Diphtheria Antitoxin	Inj.: 10,000 IU and 20,000 IU, 5 mL and 10 mL (IV)
Diphtheria, Tetanus, Pertussis, Hepatitis B Recombinant and Haemophilus Influenza Type B (Hib) Combined Vaccine	Inj.: 0.5mL vial suspension for injection (IM)
Diphtheria-Tetanus Toxoids (DT)	Inj.: 30 IU diphtheria toxoid + 40 IU tetanus toxoid per 0.5 mL ampul (IM) (For less than 10 yrs. old)
Diphtheria-Tetanus Toxoids (Td)	Inj.: ≥ 2 IU diphtheria toxoid + ≥ 40 IU tetanus toxoid per 0.5 mL ampul (IM) (For 7 yrs. old and above) ≥ 2 IU diphtheria toxoid + ≥ 40 IU tetanus toxoid per 0.5 mL (IM), multidose vial (10 doses per vial)
Diphtheria-Tetanus Toxoids and Acellular Pertussis Vaccines (DTaP)	Inj.: 0.5 mL pre-filled syringe (IM)
Diphtheria-Tetanus Toxoids and Pertussis Vaccine (DTP)	Inj.: 0.5 mL ampul (IM) 0.5 mL pre-filled syringe (IM) 0.5 mL, 5 mL, 7.5 mL and 10 mL vial (IM)
Dipyridamole (2)	Oral: 25 mg tablet (preferably used in combination with aspirin)
Divalproex Sodium OR Sodium Valproate + Valproic Acid	Oral: 250 mg and 500 mg tablet 250 mg and 500 mg extended release (ER) tablet Oral: 500 mg (333 mg sodium valproate + 145 mg valproic acid) controlled releasetablet
Dobutamine (1, 2)	Inj.: 50 mg/mL, 5 mL ampul (concentrate) (IV infusion) (as hydrochloride) 2 mg/mL, 250 mL D5W (pre-mixed) (IV) (as hydrochloride)
Docetaxel (1, 2)	Inj.: 10 mg/mL solution for infusion (IV), 2 mL and 8 mL vial 20 mg/0.5 mL, 0.5 mL vial (IV infusion) (anhydrous) 40 mg/mL, 2 mL vial (IV infusion) (anhydrous) 20 mg/mL, 1mL concentrate for solution for IV infusion (as trihydrate) 80 mg/4mL, 4 mL concentrate for solution for IV infusion (as trihydrate)
Dolutegravir	Oral: Oral: 50 mg tablet
Domperidone	Oral: 10 mg tablet 1 mg/mL suspension, 60 mL
Donepezil	Oral: 5 mg and 10 mg tablet/ orodispersible tablet (ODT)
Dopamine (as hydrochloride) (1,	Inj.: 40 mg/mL, 5 mL vial/ampul (IV

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
2)	800 micrograms/mL, 250 mL D5W (pre-mixed) (IV) 1.6 mg/mL, 250 mL D5W (pre-mixed) (IV)
Dorzolamide	Eye Drops Solution: 2%, 5 mL vial (as hydrochloride)
Doxorubicin (as hydrochloride) (1, 2)	Inj.: powder, 10 mg and 50 mg vial (IV) 2 mg/mL, 5 mL and 25 mL vial (IV)
Doxycycline	Oral: 100 mg capsule (as hyclate)
DTaP + Hib	Inj.: 0.5 mL pre-filled syringe (IM)
DTP + Hepatitis B Vaccine (recombinant)	Inj.: 0.5 mL vial (IM, SC)
DTP + Hib	Inj.: 0.5 mL DTP diluent in pre-filled syringe + freeze-dried, 10 microgram Hib vial (IM, SC)
DTP + Inactivated Polio Vaccine (IPV)	Inj.: 0.5 mL monodose vial (IM, SC) 0.5 mL pre-filled syringe (IM, SC)
DTP + IPV + Hib	Inj.: 0.5 mL pre-filled syringe (IM, SC)
Dydrogesterone	Oral: 10 mg tablet
E	
Efavirenz	Oral: 50 mg, 100 mg, 200 mg and 600 mg tablet/capsule
Emtricitabine + Tenofovir Disoproxil Fumarate	Oral: 200 mg FDC Emtricitabine + 300 mg Tenofovir Disoproxil Fumarate (fixed-dose combination) tablet
Enalapril (as maleate)	Oral: 5 mg and 20 mg tablet
Enalapril + Hydrochlorothiazide	Oral: 20 mg enalapril + 12.5 mg hydrochlorothiazide tablet
Enoxaparin (as sodium salt) (1, 2)	Inj.: 100 mg/mL, 0.2 mL, 0.4 mL and 0.6 mL pre-filled syringe (SC)
Entecavir	Oral: 500 mcg and 1 mg tablet/ film-coated tablet 0.05 mg/mL oral solution
Enteral Nutrition - Adult Polymeric	Oral/ Tube Feed: Calories — 100 - 475 Kcal Dilution — 1:1 - 2:1 Carbohydrates — 13.8 - 59 g Protein — 3.8 - 19.9 g Fat — 3.4 - 21.5 g mOsm/kg — 270 - 730 Sodium — 75 - 402 mg Potassium — 370 - 580 mg Calcium — 80 - 500 mg Magnesium — 25 - 500 mg Fiber — 0 - 1.5 g

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Phosphorous — 47 - 307 mg Volume — 100 mL - 1 L
Enteral Nutrition - Disease Specific	Oral/ Tube Feed: Calories — 100 - 1000 Kcal Dilution — 1:1 - 2:1 Carbohydrates — 10.4 - 156 g Protein — 5.5 - 88 g Fat — 3.3 - 108 g mOsm/kg — 230 - 635 Sodium — 80 - 2400 mg Potassium — 172 - 5600 mg Calcium — 80 - 500 mg Magnesium — 25 - 500 mg Phosphorous — 50 - 1789 mg Volume — 50 mL - 500 mL 50 g - 500 g
Enteral Nutrition - Fiber Containing	Oral/ Tube Feed: Calories — 100 - 1048 Kcal Dilution — 1:1 – 2:1 Carbohydrates — 13.8 - 148 g Protein — 3.8 - 40 g Fat — 3.4 - 34.7 g mOsm/kg — 270 - 375 Sodium — 46.5 - 930 mg Potassium — 78.5 - 1570 mg Phosphorous — 63 - 720 mg Fiber — 2.0 - 10.6 g Volume — 500 mL 100 g - 400 g
Enteral Nutrition - Modular	Oral: Calories — 9.5 - 380 Kcal Dilution — 0 Carbohydrates — 0.67 - 94 g Protein — 5 - 23 g Fat — 0.6 g mOsm/kg — 900 Sodium — 15 - 110 mg Potassium — 10 - 66 mg Phosphorous — 5 - 30 mg Volume — 280 g - 400 g
Enteral Nutrition - Pediatric Polymeric	Oral:

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Calories — 445 - 511 Kcal Dilution — 1:1 Carbohydrates — 14.9 - 62.2 g Protein — 13.4 - 54.3 g Fat — 16.2 - 26 g mOsm/kg — 308 - 345 Sodium — 120 - 250 mg Potassium — 400 - 750 mg Phosphorous — 150 - 760 mg Volume — 100 g
Enteral Nutrition - Semi-Elemental	Oral: Calories — 100 - 1300 Kcal Dilution — 1:1 - 1.5:1 Carbohydrates — 13.8 - 177.2 g Protein — 3.0 - 66.6 g Fat — 3.9 - 37.4 g mOsm/kg — 375 - 575 Sodium — 66 - 1040 mg Potassium — 135 - 1730 mg Phosphorous — 22 - 867 mg Volume — 100 mL - 1 L 76 g - 450 g
Ephedrine (A1)	Inj.: 30 mg/mL, 1 mL ampul solution for injection 50 mg/mL, 1 mL ampul (IM, IV) (as sulfate)
Eperisone hydrochloride	Oral: 50 mg tablet
Epinephrine (adrenaline) (1, 2)	Inj.: 1 mg/mL, 1 mL ampul (IV, IM, SC) (as hydrochloride) 0.3 mg auto-injector (IM-Preload), 0.3 mL preloaded injection pen
Epirubicin (as hydrochloride) (1, 2)	Inj.: powder, 10 mg and 50 mg vial (IV)
Epoetin Alfa (recombinant human erythropoietin) (1, 2)	Inj.: 2000 IU/0.5 mL, pre-filled syringe (IV, SC) 4000 IU/0.4 mL, pre-filled syringe (IV, SC) 4000 IU/mL, 1 mL vial (IV, SC) 10,000 IU/mL, pre-filled syringe (IV, SC)
Epoetin Beta (recombinant erythropoietin) (1, 2)	Inj.: 2000 IU/0.3 mL, pre-filled syringe with needle (IV, SC) 5000 IU/0.3 mL, pre-filled syringe with needle (IV, SC) 10,000 IU/0.6 mL, pre-filled syringe (IV, SC)
Ergotamine (1, 2, A2)	Oral: 1 mg tablet (as tartrate)
Ertapenem (as sodium salt) *Reserve Antimicrobial	Inj.: 1 g powder, vial (IM/IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Erythromycin	Oral: 500 mg tablet (as stearate) (B) 200 mg/5 mL granules/powder for suspension, 60 mL (as ethyl succinate) 400 mg/5 mL granules/powder for suspension, 50 mL and 60 mL (as ethyl succinate) Eye Ointment: 0.5%, 3.5 g and 5 g tube
Escitalopram (as oxalate)	Oral: 10 mg tablet
Esmolol (as hydrochloride) (1, 2)	Inj.: 10 mg/mL, 10 mL vial (IV) 100 mg/mL, 10 mL vial (IV)
Ethambutol (as hydrochloride)	Oral: 100 mg tablet (pediatric) 200 mg and 400 mg tablet
Ethinylestradiol + Desogestrel	Oral: 30 micrograms ethinylestradiol + 150 microgram desogestrel per tablet
Ethinylestradiol + Levonorgestrel	Oral: 30 micrograms ethinylestradiol + 150 microgram levonorgestrel per tablet
Ethinylestradiol + Norethisterone	Oral: 35 micrograms ethinylestradiol + 400 microgram norethisterone acetate per tablet
Ethinylestradiol + Norgestrel	Oral: 30 micrograms ethinylestradiol + 300 microgram norgestrel per tablet
Etonogestrel	68 mg subdermal implant
Etoposide (1, 2)	Inj.: 20 mg/mL, 5 mL ampul/vial (IV) 20 mg/mL, 10 mL vial (IV) powder 100 mg vial (IV)
Everolimus	Oral: 250 mcg and 500 mcg tablet
F	
Factor IX Complex Concentrate (coagulation factors II, VII, IX, X) (1, 2)	Inj.: 100 IU/mL, 5 mL and 10 mL vial (IV) lyophilized powder, 500 IU vial + diluent (IV)
Factor VIII Concentrate (1, 2)	Inj.: lyophilized powder, 100 IU/g vial + diluent (IV)
Famotidine	Oral: 20 mg tablet Inj.: 20 mg powder/lyophilized powder for injection, ampule/vial
Felodipine	Oral: 5 mg and 10 mg MR tablet
Fenofibrate (1)	Oral: 200 mg capsule 160 mg tablet
Fentanyl (as citrate) (A1)	Oral: 100 mcg, 200 mcg, 300 mcg and 400 mcg sublingual (SL) tablets Inj.: 50 micrograms/mL, 2 mL and 10 mL ampul(IV)
Ferrous Salt	Oral: tablet, (equiv. to 60 mg elementaliron) solution, (equiv. to 15 mg elemental iron/0.6 mL) drops, 15 mL and 30 mL

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	solution, (equiv. to 30 mg elemental iron/5 mL) syrup, 60 mL N.B.: The elemental iron content of a ferrous salt depends on the type of preparation as follows: Ferrous fumarate – 33% Ferrous gluconate – 12% Ferrous lactate – 19% Ferrous sulfate, hydrated – 20% Ferrous sulfate, dessicated – 32%
Ferrous Salt + Folic Acid	Oral: 60 mg elemental iron + 400 microgram folic acid per tablet/ capsule/film coated tablet
Filgrastim (G-CSF) (1, 2)	Inj.: 150 micrograms/0.6 mL, vial (IV, SC) 300 mcg/0.5 mL solution for injection in pre-filled syringe (IV, SC) 300 micrograms/mL, vial (IV, SC) 300 micrograms/1.2 mL, vial (IV, SC)
Finasteride	Oral: 5 mg tablet
Fluconazole	Oral: 50 mg, 150 mg and 200 mg capsule Inj.: 2 mg/mL, 100 mL vial (IV infusion)
Flucytosine (5-fluorocytosine) (1)	Oral: 250 mg tablet
Flumazenil (1, 2)	Inj.: 100 micrograms/mL, 5 mL ampul (slow IV, IV infusion)
Flunarizine (as hydrochloride)	Oral: 5 mg capsule
Fluocinonide	Cream or Ointment: 0.05%, 5 g and 15 g tube
Fluorescein (as sodium salt)	Inj.: 10% (100mg/mL), 5 mL ampul (IV) Strips: 1 mg and 9 mg
Fluorouracil (1, 2)	Inj.: 50 mg/mL, 10 mL ampul/vial (IV, IV infusion)
Fluoxetine (1)	Oral: 20 mg dispersable tablet/capsule
Flupentixol (as decanoate) (1)	Inj.: 20 mg/mL, 1 mL ampul and 10 mL vial (IM)
Fluphenazine (as decanoate) (1)	Inj.: 25 mg/mL, 1 mL ampul and 10 mL vial (IM)
Flutamide (1, 2)	Oral: 250 mg tablet
Fluticasone (as propionate)	Nasal Aqueous Solution: 0.05%/dose x 120 doses Inhalation: DPI: 50 micrograms/dose with appropriate accompanying dispenser 250 micrograms/dose with appropriate accompanying dispenser

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	MDI: 50 micrograms/dose x 60 doses and 120 doses 125 micrograms/dose x 60 doses and 120 doses Resp. Soln.: (for nebulization) 250 micrograms/mL, 2 mL (unit dose)
Fluticasone (as propionate) + Formoterol (as fumarate dihydrate)	Inhalation: MDI: 50 mcg/5 mcg x 120 actuations 125 mcg/5 mcg x 120 actuations 250 mcg/10 mcg x 120 actuations
Fluticasone (as propionate) + Salmeterol (as xinafoate)	Inhalation: DPI: 100 micrograms fluticasone + 50 micrograms salmeterol x 28 doses and 60 doses with appropriate accompanying dispenser 250 micrograms fluticasone + 50 micrograms salmeterol x 28 doses and 60 doses with appropriate accompanying dispenser 500 micrograms fluticasone + 50 micrograms salmeterol x 28 doses and 60 doses with appropriate accompanying dispenser MDI: 50 micrograms fluticasone + 25 micrograms salmeterol x 120 actuations (with dose counter*) 125 micrograms fluticasone + 25 micrograms salmeterol x 120 actuations (*) 250 micrograms fluticasone + 25 micrograms salmeterol x 120 actuations (*)
Folic Acid	Oral: 400 mcg, 800 mcg, 1 mg and 5 mg tablet /capsule 2.5mg/mL pediatric drops 5mg/5mL syrup
Fomepizole (4 – methylprazole) (1, 2)	Inj.: 1 g/mL, 1.5 mL vial (IV)
Fondaparinux (as sodium salt)	Inj.: 2.5 mg/0.5 mL solution
Formoterol	Inhalation: DPI: 12 mcg dry powder for inhalation
Fosfomycin	Oral: 3 g granules for solution
Furosemide	Oral: 20 mg and 40 mg tablet (B) Inj.: 10 mg/mL, 2 mL ampul (IM, IV) 10 mg/mL, 25 mL ampul (IV infusion)
Fusidate Sodium / Fusidic Acid	Cream: 2%, 5g tube Ointment: 2%, 15g tube Eye Drops Suspension: 1%, 5 g tube (as sulfate)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
G	
Gabapentin	Oral: 100 mg and 300 mg capsule
Gadobutrol	Inj.: 1.0 mmol/mL solution for injection, 15 mL vial 1.0 mmol/mL solution for injection, 5 mL pre-filled syringe
Gadoteric acid	Inj.: 0.5 mmol/mL solution for injection, 10 mL, 15 mL and 20 mL vials
Ganciclovir	Eye Gel: 0.15%, 5 g tube Inj.: 500 mg vial (IV infusion) (as sodium) (1, 2)
Gas Forming Agent	Oral: Components per tablet: Sodium bicarbonate — 470 mg Glutamic acid — 70 mg Tartaric acid — 420 mg Silicon resin — 25 mg
Gemcitabine (as hydrochloride) (1, 2)	Inj.: 200 mg and 1 g vial (IV infusion)
Gentamicin (as sulfate)	Inj.: 10 mg/mL, 2 mL ampul/vial (IM, IV) 40 mg/mL, 2 mL ampul/vial (IM, IV)
Gliclazide	Oral: 30 mg and 60 mg MR tablet 80 mg tablet
Glucagon (as hydrochloride) (1, 2)	Inj.: lyophilized powder, 1 mg + solvent (IM, IV, SC)
Glucose (dextrose)	Inj.: 50%, 50 mL vial (IV) 50%, 10 mL and 20 mL ampul (IV) 50%, 10 mL, 20 mL and 50 mL (85 Kcal) vial (IV)
Glycerin (see Glycerol)	
Glycerol (glycerin)	Oral: USP grade (liquid) Rectal: 2 g and 2.5 g suppository
Glyceryl trinitrate (nitroglycerin)	Inj.: 1 mg/mL, 10 mL and 25 mL ampul (IV infusion) (1, 2)
Goserelin (as acetate)	Inj.: 3.6 mg depot solution, pre-filled syringe (SC) 10.8 mg depot solution, pre-filled syringe (SC)
H	
Haloperidol (1)	Oral: 2 mg, 5 mg, and 10 mg tablet (B) Inj.: 5 mg/mL, 1 mL ampul (IM) 50 mg/mL, 1 mL (oily) ampul (IM) (as decanoate)
Halothane (1)	Inhalation: 250 mL bottle
Hemodialysis Solution	1) Acid Concentrates

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Composition: Concentrates (g/L) Glucose – 0 – 49.5 g Sodium chloride – 216.19 g – 270.8 g Potassium chloride – 5.25 g – 6.7 g Calcium chloride – 6.47 g – 9.9 g Magnesium chloride – 3.58 g – 4.75 g Glacial Acetic Acid – 8.1 g – 8.46 g Purified Water - 1000 mL 2) Sodium bicarbonate 650 g powder
Hemophilus Influenzae type B Conjugated Vaccine (Hib)	Inj.: 10 micrograms/0.5 mL, 1 dose vial + 0.5 mL diluent with tetanus protein (IM) 10 micrograms/0.5 mL vial + 0.9% sodium chloride with diphtheria CRM 197 protein (IM) 0.5 mL vial with meningococcal protein (IM)
Heparin (unfractionated) (as sodium salt) (1, 2)	Inj.: 1000 IU/mL and 5000 IU/mL, 5 mL vial (IV infusion, SC) (bovine origin)
Hepatitis A Inactivated Vaccine	Inj.: viral antigen not less than 720 EU in 0.5 mL monodose vial (IM) (junior) viral antigen not less than 1440 EU in 1.0 mL monodose vial (IM) (adult) 80 units/0.5 mL (GBM strain) pre-filled syringe single dose (IM) (pediatric) 160 units/0.5 mL (GBM strain) pre-filled syringe single dose (IM) (adult)
Hepatitis B Immunoglobulin (human)	Inj.: 0.5 mL, 1 mL and 2 mL vial (IM)
Hepatitis B Vaccine (recombinant DNA)	Inj.: 10 micrograms/0.5 mL monodose vial (IM) (pediatric) 10 micrograms/0.5 mL, 5 mL (10 dose) vial (IM) 20 micrograms/mL monodose vial (IM) adult (For more than 10 years old) 20 micrograms/mL, 10 mL vial (10 doses/vial) adult N.B.: Formulations of different manufacturers are of equal or similar immunogenicity. Follow strictly the recommended dose of each manufacturer.
Human Papillomavirus quadrivalent (types 6, 11, 16, 18) recombinant vaccine	Inj.: 0.5 mL suspension, glass pre-filled syringe (IM) 0.5 mL glass vial
Human Papillomavirus vaccine types 16 and 18 (Recombinant,	Inj.: 0.5 mL suspension in pre-filled syringe (type I

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
AS04 Adjuvanted)	glass) with a plunger stopper (rubber butyl) with sterile needle 0.5 mL in 3 mL monodose type 1 glass vial 1 mL in 3 mL glass vial
Human Recombinant Tissue Type Plasminogen Activator (Alteplase) (1)	Inj.: 50 mg powder for I.V. infusion
Hydralazine (as hydrochloride)	Oral: 25 mg and 50 mg tablet Inj.: 20 mg/mL, 1 mL ampul (IM, IV)
Hydrochlorothiazide	Oral: 12.5 mg and 25 mg tablet
Hydrocortisone	Oral: 5 mg and 20 mg tablet Inj.: 50 mg/mL, 2 mL vial (IM, IV) (as sodium succinate) 125 mg/mL, 2 mL vial (IV) (as sodium succinate) powder, 100 mg and 250 mg vial (IV) (as sodium succinate) Cream or Ointment: 1%, 5 g and 10 g tube (1) Lotion: 1% and 2.5%, 25 mL bottle (1)
Hydrogen Peroxide	Solution: 3%, 60 mL and 120 mL bottle
Hydroxychloroquine (as sulfate)	Oral: 200 mg tablet
Hydroxyethyl Starch	Inj.: 6% solution, 250 mL and 500 mL bottle (IV infusion)
Hydroxyurea (1, 2)	Oral: 500 mg capsule
Hydroxyzine (as dihydrochloride)	Oral: 25 mg tablet 2 mg/mL syrup, 100 mL
Hyoscine (as N-butyl bromide)	Oral: 10 mg tablet Inj.: 5 mg/5 mL syrup, 60 mL 20 mg/mL, 1 mL ampul (IM, IV, SC)
Hypertonic lactate	Inj.: Solution for IV infusion Each 250 mL contains: Sodium Lactate Solution (50%) - 28.250 g (equal with 14.125 Solution Lactate Potassium Chloride - 0.075 g Calcium Chloride 2H20 (100%) - 0.05 g Water for Injection - q.s. Composition: Na+ - 504.15 mmol/L K+ - 40.2 mmol/L

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Ca++ - 1.36 mmol/L Cl- - 6.74 mmol/L Lactate - 504.15 mmol/L
3% Hypertonic Saline Solution (for diagnosis of pulmonary tuberculosis)	
Hypromellose	Eye Drops Solution: 5 mg/mL and 10 mg/mL, 10 mL and 15 mL bottle Ophthalmic Solution: 0.3%, 10 mL bottle
Ibuprofen	Oral: 200 mg and 400 mg tablet 100 mg/5 mL, 60 mL syrup/suspension 200 mg/5 mL, 60 mL suspension
Idarubicin (as hydrochloride) (1, 2)	Inj.: powder, 5 mg vial (IV)
Ifosfamide (1, 2)	Inj.: powder, 1 g and 2 g vial (IV infusion)
Imatinib (as mesilate) (1, 2)	Inj.: 100 mg and 400 mg tablet
Imiglucerase	Inj: 400 U powder for intravenous infusion, 20 mL vial
Imiquimod	Cream: 5%, aluminum foil sachet
Immunoglobulin Normal, Human (IGIM)	Inj.: 160 mg/mL, 2 mL, 5 mL and 10 mL vial (IM)
Immunoglobulin Normal, Human (IGIV) (1)	Inj.: 50 mg/mL, 10 mL, 20 mL, 50 mL, 100 mL and 200 mL vial (IV) freeze-dried powder, 1 g/bottle + 33 mL and 50 mL reconstitution fluid (IV) freeze-dried powder, 2.5 g/bottle + 100 mL reconstitution fluid (IV) freeze-dried powder, 5 g/bottle + 100 mL diluent vial (IV) freeze-dried powder, 10 g/bottle + 260 mL diluent vial (IV)
Inactivated Polio Vaccine (Types 1, 2, and 3), Salk	Inj: 0.5 mL per dose (suspension for injection) in 5 mL multidose vial (IM, SC)
Inactivated Poliomyelitis Vaccine (Types 1, 2 and 3)	Inj: 0.5 mL per dose, suspension for injection single-dose/multidose vial (IM, SC)
Indacaterol (as maleate) + glycopyrronium (as bromide)	Inhalation: 110 mcg + 50 mcg inhalation powder in hard capsules
Indapamide	Oral: 1.5 mg MR tablet
Influenza Polyvalent Vaccine	Inj.: 0.5 mL vial + pre-filled syringe diluent (IM)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	0.5 mL suspension in a pre-filled syringe or ampul (IM) (adult) 15mcg/0.5mL, 5mL multidose glass vial 7.5 mcg/0.25 mL suspension for injection, 0.25 mL single dose pre-filled glass syringe N.B.: Strains as recommended by WHO
Insulin Glargine	Inj.: 100 IU/mL, 10 mL Vial 100 IU/mL, 3 mL Pre-filled Pen
Interferon Alfa 2B (human) (1, 2)	Inj.: 3 million IU and 5 million IU per mL vial + diluent (IM, SC)
Intraocular Irrigating Solution (balanced salt solution)	Solution: 15 mL, 250 mL and 500 mL bottle Composition: Sodium chloride — 0.64% Potassium chloride — 0.075% Calcium chloride — 0.048% Magnesium chloride hexahydrate — 0.03% Sodium acetate — 0.39% Sodium citrate — 0.17% Water for injection to make 100%
Iodine	Oral: aqueous iodine solution (Lugol'ssolution) 5% iodine, 10 % potassium iodide (total iodine - 130 mg/mL), 30 mL Tincture: 1% and 2% Solution: 2% and 5%
Iodixanol	Inj.: 652 mg/mL (equivalent to 320 mg iodine) solution for injection, 50 mL and 100 mL vial 550 mg/mL (equivalent to 270 mg iodine) solution for injection, 50 mL vial
Iodized Oil Fluid	Oral: 500 mg (equiv. to 200 mg elemental iodine) softgel capsule (only for DOH program)
Iohexol	Inj.: (Intravascular and other parenteral routes as appropriate) 300 mg iodine/mL, 50 mL and 100 mL vial 350 mg iodine/mL, 50 mL and 100 mL vial
Iopamidol	Inj.: (Intravascular and other parenteral routes as appropriate) 612 mg/mL equiv. to 300 mg iodine, 50 mL and 100

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	mL vial 755 mg/mL equiv. to 370 mg iodine, 50 mL and 100 mL vial/bottle
Iopromide	Inj.: 300 mg/mL equiv. to 623 mg iodine, 50 mL and 100 mL vial 370 mg/mL equiv. to 769 mg iodine, 50 mL and 100 mL vial
Iothalamate	Inj.: 600 mg/mL, 30 mL, 50 mL and 100 mL vial (usually IV) (as meglumine)
Ioversol	Inj.: 636 mg/mL equiv. to 300 mg/mL iodine, 50 mL and 100 mL vial 741 mg/mL equiv. to 350 mg/mL iodine, 50 mL and 100 mL vial
Ipratropium (as bromide)	Inhalation: MDI: 20 micrograms/dose x 200 doses Resp. Soln.: (for nebulization) 250 micrograms/mL, 2 mL (unit dose)
Ipratropium (as bromide) + Fenoterol (as hydrobromide)	Inhalation: MDI: 20 micrograms ipratropium + 50 micrograms fenoterol x 10 mL doses
Ipratropium + Salbutamol	Inhalation: MDI: 20 micrograms ipratropium (as bromide) + 100 micrograms salbutamol x 200 doses x 10mL Resp. Soln.: (for nebulization) 500 micrograms ipratropium (as bromide anhydrous) + 2.5 mg salbutamol (as base) x 2.5 mL (unit dose)
Irbesartan	Oral: 150 mg and 300 mg tablet
Irbesartan + Hydrochlorothiazide	Oral: 150 mg irbesartan + 12.5 mg hydrochlorothiazide tablet
Irinotecan (as hydrochloride) (1, 2)	Inj.: 40 mg/2 mL concentrate, vial (IV infusion) 100 mg/5 mL concentrate, vial (IV infusion)
Iron sucrose	Inj.: 20 mg/mL, 5 mL ampule
Isoflurane (1)	Inhalation: 100 mL and 250 mL bottle
Isoniazid	Oral: 300 mg and 400 mg tablet 200 mg/5 mL syrup, 120 mL
Isoniazid + Rifampicin (B)	Oral: 50 mg + 75 mg dispersible fixed dose combination tablet (pediatric) 75 mg + 150 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Isoniazid + Rifampicin + Ethambutol (B)	Oral: 75 mg + 150 mg + 275 mg tablet
Isoniazid + Rifampicin + Pyrazinamide (B)	Oral: 50 mg + 75 mg + 150 mg dispersible fixed dose combination tablet (pediatric)
Isoniazid + Rifampicin + Pyrazinamide + Ethambutol (B)	Oral: 75 mg + 150 mg + 400 mg + 275 mg tablet
Isophane Insulin Human (recombinant DNA)	Inj.: 100 IU/mL, 3 mL pre-filled syringe (SC) 100 IU/mL, 5 mL and 10 mL vial (SC)
Isosorbide Dinitrate	Oral: 10 mg and 20 mg tablet 20 mg MR tablet/capsule Sublingual: 5 mg tablet Inj.: 1 mg/mL, 10 mL ampul (IV) (1)
Isosorbide-5-Mononitrate	Oral: 40 mg tablet 30 mg and 60 mg MR tablet/capsule
Isotonic electrolyte solution for IV infusion	Each 1 liter (L) of the product contains: Sodium chloride – 6.80 g Potassium chloride – 0.30 g Calcium chloride dihydrate – 0.37 g Magnesium chloride hexahydrate – 0.20 g Sodium acetate trihydrate – 3.27 g Malic acid – 0.67 g
Isoxsuprine (as hydrochloride)	Oral: 10 mg and 40 mg tablet Inj.: 5 mg/mL, 2 mL ampul (IM, IV infusion)
Itraconazole	Oral: 100 mg capsule
Ivermectin	Oral: 3 mg and 6 mg tablet
K	
Kanamycin (as sulfate)	Inj.: 1 g vial (IM)
Ketamine (as hydrochloride) (1, A1)	Inj.: ⊗50 mg/mL, 10 mL vial (IM, IV)
Ketoconazole	Cream: 2% (20 mg/ g), 3.5 g and 15 g aluminum collapsible tube Shampoo: 2% (20 mg/ g), 6 mL foil sachet, 10 mL, 60 mL and 100 mL bottle
Ketoprofen	Oral: 100 mg tablet Inj.: 50 mg/mL, 2 mL ampul (IM)
Ketorolac (as tromethamol)	Inj.: 30 mg/mL, 1 mL ampul (IM, IV)
L	
Lactated Ringer's Solution	Inj.: 500 mL and 1 L bottle/bag (IV infusion)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
(Ringer's Lactate)	Composition: Na+ — 130 mmol/L K+ — 4 mmol/L Ca++ — 1.22 – 1.5 mmol/L Cl- — 109 mmol/L Lactate — 28 mmol/L
Lactulose	Oral: 3.3 g/5 mL (3.35 g/5 mL) syrup
Lagundi ● [Vitex negundo L. (Fam. Verbenaceae)]	Oral: 300 mg and 600 mg tablet 300 mg/5 mL syrup, 60 mL and 120 mL bottle 600 mg/5 mL syrup, 60 mL and 120 mL bottle
Lamivudine	Oral: 100 mg and 150 mg tablet/film coated tablet 10mg/mL suspension, 240mL bottle
Lamivudine + Efavirenz + Tenofovir	Oral: 300 mg + 600 mg + 300 mg tablet
Lamivudine +Tenofovir	Oral: 300 mg + 300 mg tablet
Lamivudine + Zidovudine	Oral: 150 mg + 300 mg tablet
Lamivudine + Zidovudine + Nevirapine	Oral: 150 mg + 300 mg + 200 mg tablet
Lamotrigine	Oral: 50 mg and 100 mg tablet
Lansoprazole	Oral: 15 mg and 30 mg capsule 15 mg and 30 mg MR tablet
Latanoprost	Eye Drops Solution: 50 micrograms/mL, 2.5 mL bottle
Latanoporst + Timolol maleate	Opthalmic Solution: 50 mcg + 5 mg/mL, 5 mL bottle
Letrozole	Oral: 2.5 mg tablet/film-coated tablet
Leucovorin Calcium (see Calcium Folinate) (1, 2)	Inj.: 10 mg/mL, 5 mL ampul/vial (IM, IV) 50 mg vial (IM, IV)
Leuproreline (as acetate) (1, 2)	Inj.: 3.75 mg/ 2 mL vial with syringe (IM, SC) powder, 1.88 mg single dose with syringe (IM, SC) powder, 3.75 mg single dose with syringe (IM, SC) powder, 11.25 mg depot solution, vial with syringe (IM, SC) 7.5 mg, 22.5 mg and 45 mg in pre-filled syringe (SC)
Levetiracetam	Oral: 250 mg, 500 mg, 750 mg, and 1 g film coated tablet Inj.: 500 mg/5 mL (100 mg/mL) concentrate solution for IV infusion, 5 mL vial Solution: 100 mg/mL oral solution, 100 mL and 300 mL bottle

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Levobupivacaine	Inj.: 5 mg/mL solution for injection, 10 mL ampule
Levodopa + Carbidopa	Oral: 100 mg levodopa + 25 mg carbidopa per tablet 250 mg levodopa + 25 mg carbidopa per tablet 200 mg levodopa + 50 mg carbidopa extended release tablet
Levofloxacin	Oral: 250 mg, 500 mg and 750 mg tablet Inj.: 5 mg/mL solution for IV infusion, 100 mL and 150 mL vial Eye Drops: 5 mg/mL (0.5% w/v) ophthalmic solution
Levothyroxine (as sodium/anhydrous sodium)	Oral: 50 mcg, 100 mcg and 150 mcg tablet
Lidocaine (as hydrochloride) (1, 2)	Inj.: 1%, 20 mL ampul 2% (20 mg/mL), 2 mL, 5 mL, 20 mL and 50 mL ampul/vial (IM/IV) 2%, 5 mL and 50 mL vial (epidural, local infiltration) 2%, 1.8 mL carpule (with epinephrine) (local infiltration) Spray: 10%, 50 mL
Linezolid *Reserve Antimicrobial	Oral: 600 mg tablet/film-coated tablet Inj.: 2 mg/mL (600 mg/300 mL), solution for infusion (IV)
Lipids	Inj.: 10%, 100 mL, 200 mL and 500 mL bottle (IV infusion) 20%, 100 mL, 250 mL and 500 mL bottle (IV infusion)
Lithium Carbonate (1)	Oral: 450 mg MR tablet
Live Attenuated Bivalent Oral Polio Vaccine (Type 1 and 3)	Oral: 2 mg vial (20 doses)
Live Attenuated Measles Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC) multidose vial + 5 mL diluent (SC)
Live Attenuated Measles, Mumps and Rubella (MMR) Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC) multidose vial + 5 mL diluent (SC)
Live Attenuated Measles and Rubella (MR) Vaccine	Inj.: multidose vial (10 doses/vial) + 5 mL diluent (SC), with vaccine vial monitor (VVM)
Live Attenuated Mumps Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC)
Live Attenuated Rubella Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC) multidose vial + 5 mL diluent (SC)
Live Attenuated Varicella Vaccine	Inj.: freeze-dried powder, not less than 2000 PFU (OKA strain varicella zoster virus) monodose vial + diluent (0.5 mL water for injection) ampul (SC only)
Loperamide (as hydrochloride)	Oral: 2 mg capsule

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	(N.B.: Not for infants and children less than 12 years old)
Lopinavir + Ritonavir	Oral: 200 mg + 50 mg tablet/capsule 40 mg + 10 mg oral pellets contained in capsule
Loratadine	Oral: 10 mg tablet/film coated tablet 5 mg/5 mL syrup, 30 mL
Losartan (as potassium salt)	Oral: 50 mg and 100 mg tablet
Losartan + Hydrochlorothiazide	Oral: 50 mg losartan + 12.5 mg hydrochlorothiazide tablet
Lynestrenol	Oral: 500 mcg tablet
M	
Magnesium Sulfate (as heptahydrate) (1, 2)	Inj.: 250 mg/mL, 2 mL and 10 mL ampul (IM, IV) 250 mg/mL, 10 mL, 20 mL and 50 mL vial (IV) 500 mg/mL, 2 mL and 10 mL ampul (IM, IV)
Mannitol	Inj.: 20%, 250 mL and 500 mL bottle (IV)
Mebendazole	Oral: 100 mg tablet/capsule 500 mg tablet/chewable tablet 50 mg/mL suspension, 10 mL 100 mg/5 mL suspension, 30 mL and 60 mL
Mebeverine (as hydrochloride)	Oral: 100 mg tablet
Mecobalamin	Oral: 500 microgram tablet Inj.: 500 micrograms/mL, 1 mL ampul (IM, IV)
Medroxyprogesterone (2)	Oral: 5 mg and 10 mg tablet (as acetate) Inj.: 50 mg/mL, 3 mL vial + syringe (IM) (as acetate) (N.B. Use one (1) inch long needle) 150 mg/mL, 1 mL vial (IM) (as enanthate or acetate)
Mefenamic Acid	Oral: 250 mg and 500 mg tablet/capsule
Mefloquine (as hydrochloride) (B)	Oral: 250 mg tablet
Megestrol (as acetate) (1, 2)	Oral: 40 mg and 160 mg tablet
Melphalan (1, 2)	Oral: 2 mg tablet
Memantine	Oral: 5 mg and 10 mg film coated tablet
Meningococcal polysaccharide (Neisseria meningitidis) vaccine	Inj.: lyophilized powder, 50 micrograms/ 0.5 mL dose (Group A + C) multidose (10 doses) + 5 mL diluent vial (IM, SC) lyophilized powder, 50 micrograms/ 0.5 mL dose (Group A + C) single dose + 0.5 mL diluent syringe (IM, SC) lyophilized powder, 50 micrograms/ 0.5 mL dose (Serogroup A + Serogroup B + Serogroup W135

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	+ Serogroup Y) multidose (10 doses) + diluent vial (IM, SC)
Mercaptopurine (1, 2, B)	Oral: 50 mg tablet
Meropenem (as trihydrate) *Reserve Antimicrobial	Inj.: 500 mg and 1 g powder, vial (IV)
Mesalazine (1)	Oral: 500 mg enteric coated tablet 500 mg enteric MR tablet Rectal: 250 mg suppository Sachet: 1.5 g gastro-resistant prolonged release (PR) granules
Mesna (sodium-2-mercaptoethanesulphonate) (1, 2)	Inj.: 100 mg/mL, 4 mL ampul (IV)
Metformin (as hydrochloride)	Oral: 500 mg tablet/film coated tablet 850 mg tablet
Methimazole (thiamazole)	Oral: 5 mg and 10 mg tablet
Methotrexate (1)	Oral: 2.5 mg tablet (as base, sodium salt or disodiumsalt) Inj.: 5 mg/mL, 3 mL vial (IM, IV) (as sodium salt) 25 mg/mL, 2 mL ampul/vial (IM, IV, Intrathecal) (as base) 25 mg/mL, 2 mL and 20 mL vial (IM, IV, Intrathecal) (as sodium salt, preservative-free) 100 mg/mL, 10 mL vial (as base) 100 mg/mL, 10 mL vial (IM, IV, Intrathecal) (as sodium salt, preservative-free)
Methyldopa	Oral: 250 mg tablet
Methylene Blue (1, 2)	Oral: 1% solution Inj.: 10 mg/mL, 1 mL and 10 mL ampul/vial
Methylergometrine (methylergonovine) (as hydrogen maleate or maleate) (A2)	Inj.: 200 micrograms/mL, 1 mL ampul (IM, IV)
Methylergonovine (see Methylergometrine)	
Methylphenidate (1, 2, A1)	Oral: 10 mg tablet 18 mg, 27 mg and 36 mg MR tablet 20 mg modified release capsule
Methylprednisolone	Oral: 4 mg and 16 mg tablet Inj.: powder, 125 mg/mL, 2 mL vial + diluent vial (IM, IV, IV infusion) (as sodium succinate) 40 mg in single dose vial, solution for injection (IV, IM) (as sodium succinate) powder, 500 mg, 7.7 mL vial (IV) + diluent vial (IM, IV, IV infusion) (as sodium succinate) powder, 1 g/16 mL vial + diluent vial (IM, IV, IV

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	infusion) (as sodium succinate) lyophilized powder, 125 mg vial (IM, IV) (as sodium succinate) lyophilized powder, 500 mg vial (IM, IV) (as sodium succinate) lyophilized powder, 1 g vial (IM, IV) (as sodium succinate) powder, 500 mg/8.0 mL vial + diluent vial (IM, IV, IV infusion) (as sodium succinate)
Metoclopramide	Oral: 10 mg tablet (as hydrochloride) 5 mg/5 mL syrup, 60 mL (as base and as hydrochloride) Inj.: 5 mg/mL, 2 mL ampul (IM, IV) (as base and as hydrochloride)
Metoprolol (as tartrate)	Oral: 50 mg and 100 mg tablet
Metronidazole	Oral: 250 mg and 500 mg tablet 125 mg base/5 mL (200 mg/5 mL (as benzoate)) suspension, 60 mL Inj.: 5 mg/mL, 100 mL vial (IV infusion)
Micafungin *Reserve Antimicrobial	Inj.: 50 mg lyophilized powder for infusion (IV)
Miconazole	Oral gel: 20 mg, 3.5 g aluminum tube Topical Cream: 2% (20 mg/g), 5 g aluminum collapsible tube Vaginal suppository: 1.2 g, casing strip x 1's
Micronutrient Powder	Per 1 gram sachet: Vitamin A - 400 ug RE Vitamin C - 30 mg Vitamin D - 5 ug Vitamin E - 5 mg a-TE Vitamin B1 - 0.5 mg Vitamin B2 - 0.5 mg Vitamin B6 - 0.5 mg Vitamin B12 - 0.9 ug Folic acid - 150 ug Niacin - 6 mg Iron - 10 mg Zinc - 4.1 mg Copper - 0.56 mg Iodine - 90 ug S

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	elenium - 17 ug
Midazolam (A1)	Oral: ⊗15 mg tablet Inj.: 1 mg/mL, 5 mL ampul/vial (IM, IV) 5 mg/mL, 1 mL, 2 mL, 3 mL, 5 mL and 10 mL ampul (IM, IV)
Mitoxantrone (1, 2)	Inj.: 2 mg/mL solution, 5 mL and 10 mL
Modified Fluid Gelatin (polymerisate of degraded succinylated gelatin	Inj.: 3% and 4% solution, 500 mL bottle (IVinfusion)
Monobasic/Dibasic Sodium Phosphate	Oral: 48 g/18 g per 100 mL solution, 45 mL bottle Rectal: 19 g/7 g solution per 133 mL and 66 mL bottle (enema)
Montelukast (as sodium salt) (1)	Oral: 4 mg granules, sachet 4 mg and 5 mg chewable tablet 10 mg tablet
Morphine (as sulfate) (A1)	Oral: 10 mg, 20 mg and 30 mg tablet/capsule 10 mg, 30 mg, and 60 mg MRtablet Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC) 16 mg/mL, 1 mL ampul (IM, IV)
Moxifloxacin	Oral: 400 mg film coated tablet Ophthalmic solution: 5 mg/mL (0.5% w/v) sterile ophthalmic solution, 5 mL bottle (as hydrochloride)

<table>
<tr><th>Active Ingredient</th><th>Route of Administration
Pharmaceutical Forms and Strengths</th></tr>
<tr><td>Multivitamins</td><td>Oral:

Composition:
<table>
<tr><th></th><th>Infants (per 1 mL drops)</th><th>Children (per 5 mL syrup)</th></tr>
<tr><td>Vitamin A</td><td>325 - 380 mcg</td><td>350 - 400 mcg</td></tr>
<tr><td>Vitamin B1</td><td>0.2 – 0.4 mg</td><td>0.5 – 1.0 mg</td></tr>
<tr><td>Vitamin B2</td><td>0.3 – 0.4 mg</td><td>0.7 – 0.9 mg</td></tr>
<tr><td>Vitamin B6</td><td>0.3 – 0.6 mg</td><td>0.9 – 1.6 mg</td></tr>
<tr><td>Vitamin B12</td><td>0.3 – 0.4 mcg</td><td>0.9 – 3.0 mcg</td></tr>
<tr><td>Vitamin C</td><td>30 mg</td><td>35 - 55 mg</td></tr>
<tr><td>Vitamin D</td><td>200 – 400 IU
(5 – 10 mcg)</td><td>200 – 400 IU
(5 – 10 mcg)</td></tr>
<tr><td>Vitamin E</td><td>3 – 4 mg</td><td>5 – 7 mg</td></tr>
<tr><td>Folic Acid</td><td>20 – 65 mcg</td><td>40 – 300 mcg</td></tr>
<tr><td>Niacin</td><td>1 – 5 mg</td><td>5 – 18 mg</td></tr>
</table>
<table>
<tr><th></th><th>Adult (per tablet/capsule)</th></tr>
<tr><td>Vitamin A</td><td>600 - 700 mcg or
2000 – 2500 IU</td></tr>
<tr><td>Vitamin B1</td><td>1.3 – 1.7 mg</td></tr>
<tr><td>Vitamin B2</td><td>0.7 – 1.3 mg</td></tr>
<tr><td>Vitamin B6</td><td>1.6 – 2.0 mg</td></tr>
<tr><td>Vitamin B12</td><td>2.0 – 6.0 mcg</td></tr>
<tr><td>Vitamin C</td><td>60 – 80 mg</td></tr>
<tr><td>Vitamin D</td><td>400 IU
(10 mcg)</td></tr>
<tr><td>Vitamin E</td><td>6 –10 mg
(15 – 30 IU)</td></tr>
<tr><td>Folic Acid</td><td>400 mcg</td></tr>
<tr><td>Niacin</td><td>13 – 23 mg</td></tr>
</table></td></tr>
<tr><td>Mupirocin</td><td>Cream: 2%, 5 g sachet and 15 g tube
Ointment:
2%, 5 g and 15 g tube</td></tr>
<tr><td>Mycophenolate Mofetil (1, 2)</td><td>Oral: 500 mg tablet</td></tr>
<tr><td>Mycophenolic Acid (as Mycophenolate Sodium) (1, 2)</td><td>Oral: 360 mg tablet</td></tr>
<tr><td colspan="2">N</td></tr>
<tr><td>N-acetyl Penicillamine (1, 2)</td><td>Oral: crystals, 25 g/bottle</td></tr>
<tr><td>Nalbuphine (as hydrochloride) (A1)</td><td>Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC)</td></tr>
<tr><td>Nalidixic Acid</td><td>Oral: 500 mg tablet</td></tr>
</table>

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	250 mg/5 mL suspension, 60 mL
Naloxone (as hydrochloride) (1, 2)	Inj.: 400 micrograms/mL, 1 mL ampul (IM, IV, SC)
Naltrexone (as hydrochloride)	Oral: 50 mg tablet
Naproxen (as sodium salt)	Oral: 250 mg base (275 mg) and 500 mg base (550mg) tablet
Neomycin (as sulfate) + Polymixin B (as sulfate) + Fluocinolone Acetonide	Ear Drops Solution: 3.5 mg neomycin + 10,000 units polymyxin B + 0.025% fluocinolone acetonide/mL, 5
Neostigmine	Inj.: 500 mcg/mL, 10 mL vial 500 mcg/mL solution for injection (IM/IV/SC), 1 mL ampule
Nepafenac	Eye Suspension: 1 mg/mL, 5 mL bottle
Nevirapine	Oral: 200 mg tablet (B) 50 mg dispersible tablet 50 mg/5 mL suspension, 240 mL
Nicardipine (as hydrochloride) (1)	Inj.: 1 mg/mL, 2 mL and 10 mL ampul (IV)
Nicotine	Pastille: 1 mg and 2 mg Gum: 1 mg and 2 mg
Nicotine transdermal therapeutic system	Patch: 7 mg , 14 mg and 21 mg patch
Nifedipine	Oral: 10 mg capsule (B) (restricted use for acute hypertensive emergencies in patients less than 18 years old with extreme caution due to rapid and prolonged fall in blood pressure) 30 mg MR tablet
Nimodipine	Oral: 30 mg tablet
Nitrofurantoin (B)	Oral: 50 mg and 100 mg capsule (asmacrocrystals)
Nitroglycerin (see Glyceryl Trinitrate)	Inj.: 1 mg/mL, 10 mL and 25 mL ampul (IV infusion) (1, 2)
Nitrous Oxide (1)	Inhalation: Anesthetic gas
Norepinephrine (as bitartrate) (1, 2)	Inj.: 1 mg/mL, 2 mL and 4 mL ampul (IV infusion) 1 mg/mL, 10 mL ampule (concentrate solution for infusion) 2 mg /mL, 4 mL ampule (8 mg/4 mL) solution for injection
Norethisterone (as acetate and as base) (2)	Oral: 5 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Nystatin	Oral: 100,000 units/mL suspension, 30 mL Vaginal: 100,000 units per tablet
O	
Octreotide (as acetate) (1, 2)	Inj.: 100 micrograms/mL and 500 micrograms/mL, 1 mL ampul (IV infusion)
Ofloxacin	Oral: 200 mg tablet Eye Drops Solution: 0.3%, 5 mL bottle Ear Drops Solution: 0.3%, 5 mL bottle
Olanzapine (1, 2)	Oral: 5 mg and 10 mg tablet 10 mg orodispersible tablet (ODT)
Olodaterol (as hydrochloride)	Inhalation: 2.5 mcg/puff solution for inhalation, inhaler with 4 mL cartridge x 60 puffs (equiv. to 30 medicinal doses)
Omeprazole	Oral: 20 mg and 40 mg capsule Inj.: powder, 40 mg vial + 10 mL solvent ampul/vial (IV)
Ondansetron (1, 2)	Oral: 8 mg tablet (as hydrochloridedihydrate) Inj.: 2 mg/mL, 2 mL and 4 mL ampul (IM,IV)
Oral Rehydration Salts (ORS 75-replacement)	Oral: Composition of reduced osmolarity ORS per liter of water (WHO recommended): Sodium chloride — 2.6 g Trisodium citrate dihydrate — 2.9 g Potassium chloride — 1.5 g Glucose anhydrous — 13.5 g Total Weight — 20.5 g Reduced osmolarity ORS Equivalent in mmol/L: Sodium — 75 Chloride — 65 Potassium — 20 Citrate — 10 Glucose anhydrous — 75 Total osmolarity — 245 N.B.: Reconstitute with clean potable water.

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Unused reconstituted solution shall be discarded after 24 hours.
Oseltamivir (as phosphate)	Oral: 75 mg capsule
Oxacillin (as sodium salt)	Inj.: 250 mg and 500 mg vial (IM, IV)
Oxaliplatin (1, 2)	Inj.: 5 mg/mL concentrate solution, 10 mL and 20 mL vial (IV infusion) powder, 50 mg vial (IV infusion)
Oxcarbazepine	Oral: 300 mg and 600 mg tablet 60 mg/mL, 100 mL and 250 mL oral suspension
Oxycodone (as hydrochloride) (A1)	Oral: 5 mg capsule 10 mg, 20 mg, 40 mg and 80 mg tablet/prolonged-release or controlled release tablet Inj: 10 mg/mL, 1 mL and 2 mL ampule for IV infusion
Oxycodone (as hydrochloride) + Naloxone (as hydrochloride)	Oral: 5 mg + 2.5 mg, 10 mg + 5 mg, 20 mg + 10 mg, 40 mg + 20 mg tablet (prolonged-release)
Oxygen	Inhalation: (medicinal gas)
Oxymetazoline (as hydrochloride)	Nasal Drops Solution: 0.025%, 10 mL bottle Nasal Spray: 0.05%, 10 mL and 15 mL bottle
Oxytocin (synthetic) (2)	Inj.: 10 IU/mL, 1 mL ampul (IM, IV)
	P
Paclitaxel (1, 2)	Inj.: 6 mg/mL, 5 mL, 16.7 mL, 17 mL, 25 mL and 43.4 mL vial (IV, IV infusion)
Paliperidone	Inj.: 50 mg/0.5 mL, 75 mg/0.75 mL, 100 mg/mL and 150 mg/1.5 mL prolonged release suspension for injection (IM)
Pancuronium (as bromide) (1)	Inj.: 2 mg/mL, 2 mL ampul (IM, IV)
Pantoprazole	Oral: 20 mg and 40 mg tablet/enteric-coatedtablet
Para-amino salicylic acid	Sachet: 4 gram enteric coated delayed release granules in sachet
Paracetamol	Oral: 300 mg and 500 mg tablet 100 mg/mL drops, 15 mL (alcohol-free) 120 mg/5 mL (125 mg/5 mL) syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free) 250 mg/5 mL syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free) Inj.: 150 mg/mL, 2mL ampule solution for injection (IM/IV) 10 mg/mL, 50 mL and 100 mL vial solution for

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	infusion (IV) Rectal: 125 mg and 250 mg suppository
Peginterferon Alfa 2A (1, 2)	Inj.: 135 micrograms/0.5 mL pre-filled syringe (SC)
Penicillin G Benzathine (benzathine benzylpenicillin)	Inj.: 1,200,000 units vial (MR) (IM)
Penicillin G Crystalline (benyzylpenicillin) (as sodium salt) (1, 2)	Inj.: 1,000,000 units vial (IM, IV) 5,000,000 units vial (IM, IV)
Peritoneal Dialysis Solution	Solution: Sterile with 1.5%, 2.3 %, 2.5% and 4.25% dextrose, 2 L and 5 L bottle/bag Content per liter: Glucose Monohydrate – 16.5 g (equivalent to 15.0 g glucose) Fructose – up to 0.75 g Sodium chloride – 5.786 g Sodium (S) – lactate solution (equivalent to 3.925 g sodium (S) – lactate) – 7.85 g Calcium chloride dihydrate – 183.8 mg Magnesium chloride hexahydrate – 101.7 mg
Permethrin	Lotion: 1%, 125 mL bottle 5%, 30 mL and 60 mL bottle Shampoo (Creme Rinse): 1%, 30 mL and 60 mL bottle
Pethidine (meperidine) (as hydrochloride) (A1)	Inj.: 50 mg/mL, 2 mL ampul (IM, IV, SC)
Petrolatum/ petroleum	Jelly: USP grade, 25 g, 100 g and 200 g jar
Phenobarbital (A1)	Oral: ⊗15 mg, 30 mg, 60 mg and 90 mg tablet Inj.: 120 mg/mL (130 mg/mL), 1 mL ampul (IM, IV) (as sodium salt)
Phenoxymethyl Penicillin (penicillin V) (as potassium salt)	Oral: 250 mg and 500 mg tablet/capsule 250 mg/5 mL granules/powder for syrup/suspension, 60 mL
Phenylephrine (as hydrochloride)	Eye Drops Solution: 2.5%, 5 mL bottle
Phenytoin (as sodium salt)	Oral: 100 mg capsule (B) 30 mg/5 mL suspension, 120 mL 125 mg/ 5mL suspension, 120mL Inj.: 50 mg/mL, 2 mL and 5 mL ampul (IV) (1)
Phospholipid fraction from bovine lung	Inj.: 45 mg/mL (54 mg/1.2 mL) lyophilized powder for suspension (intratracheal administration)
Physostigmine (as salicylate) (1, 2)	Inj.: 1 mg/mL, 2 mL ampul (IM, IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Phytomenadione (phytonadione, vitamin K1)	Oral/Inj.: 2 mg/0.2 mL pediatric ampul (IM, IV, PO) (as mixed micelle) Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC) (as aqueous colloidal solution with benzyl alcohol) 10 mg/mL, 1 mL ampul (IM, IV, SC) (as mixed micelle)
Pilocarpine (as hydrochloride)	Eye Drops Solution: 1%, 10 mL and 15 mL bottle 2%, 10 mL and 15 mL bottle
Piperacillin + Tazobactam (as sodium salt)	Inj.: 2 g piperacillin + 250 mg tazobactam per vial (IV infusion) 4 g piperacillin + 500 mg tazobactam per vial (IV infusion)
Pneumococcal Conjugate Vaccine (PCV) Multi-dose vial preparation indicated for the following minimum serotypes: 1, 4, 5, 6B, 7F, 9V, 14, 18C, 19A, 19F and 23F	Inj.: 10-valent, 2 mL in a 3 mL multidose vial suspension for IM injection 13 – valent, 0.5 mL single dose, 0.5 mL pre-filled syringe, 2 mL in multidose vial suspension for IM Injection
Pneumococcal Polyvalent Vaccine	Inj.: 25 micrograms/0.5 mL (polysaccharide from each capsular type) solution for injection, 0.5 mL pre- filled syringe or single dose vial (IM, SC) 25 micrograms/0.5 mL solution for injection, 2.5 mL vial (IM, SC) (multidose)
Polymyxin B (as sulfate) *Reserve Antimicrobial	Inj.: 500,000 Units powder for solution for injection (Intrathecal/IM/IV), 5 mL vial
Poractant alfa	Inj.: 80mg/mL sterile suspension (intratracheal/intrabronchial), 1.5 mL and 3 mL vial
Potassium (as citrate)	Oral: 1080 mg (10 mEq) tablet 1620 mg (15 mEq) extended release (ER) tablet)
Potassium Chloride	Oral: 600 mg tablet 750 mg durules (as chloride) equiv. to Approximately 10 mEq potassium Inj.: 1 mmol/mL syrup, 30 mL and and 60 mL(as chloride) 2mEq/mL, 2 mL and 5 mL ampul (IV infusion) 2 mEq/mL, 10 mL and 20 mL vial (IV infusion)
Potassium Phosphate	Inj.: 224 mg monobasic potassium phosphate equiv. to 3 mmol ph

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	osphorus and 4.4 mEq K/236 mg dibasic potassium phosphate anhydrous per mL in 5 mL vial (IV)
Povidone Iodine	Oral Antiseptic: 1%, 60 mL, 120 mL and 240 mL bottle Ointment: 10%, 5 g, 15 g and 30 g tube Paint: 10%, 10 mL bottle Solution: 10%, 15 mL, 30 mL, 60 mL, 120 mL, 1 L and 1 gallon bottle Surgical Skin Cleanser: 7.5%, 60 mL, 120 mL, 480 mL, 1 L and 1 gallon bottle
Pralidoxime Chloride (1, 2)	Inj.: 50 mg/mL, 20 mL vial (IV)
Praziquantel (B)	Oral: 600 mg tablet (available under DOH program)
Prednisolone	Oral: 15 mg/5 mL syrup, 60 mL (as sodium phosphate) Eye Drops Suspension: 0.5% and 1%, 5 mL bottle (as acetate)
Prednisone	Oral: 5 mg, 10 mg and 20 mg tablet 10 mg/5 mL suspension, 60 mL
Primaquine (as diphosphate)	Oral: 26.3 mg (15 mg base) tablet
Propofol (1)	Inj.: 10 mg/mL, 20 mL ampul (IV) 10 mg/mL, 50 mL pre-filled syringe (IV) 10 mg/mL, 20 mL and 50 mL vial (IV)
Propranolol (as hydrochloride)	Oral: 10 mg and 40 mg tablet
Propylthiouracil	Oral: 50 mg tablet
Protamine Sulfate (1, 2)	Inj.: 10 mg/mL, 5 mL and 25 mL ampul (IV)
Prothionamide	Oral: 250 mg film coated tablet
Proxymetacaine (proparacaine) (as hydrochloride)	Eye Drops Solution: 0.5%, 5 mL and 15 mL bottle
Pyrazinamide	Oral: 500 mg tablet 250 mg/5 mL and 500 mg/ 5mL suspension, 120 mL
Pyridostigmine (as bromide) (1, 2)	Oral: 60 mg tablet
Pyridoxine (vitamin B6) (as hydrochloride) (1, 2)	Oral: 100 mg tablet
Pyrimethamine (B)	Oral: 25 mg and 75 mg tablet
Q	
Quetiapine (as fumarate)	Oral: 25 mg, 100 mg, 200 mg and 300 mg tablet
Quinine	Oral: 325 mg (300 mg base) tablet (as sulfate) Inj.: 300 mg/mL, 1 mL ampul (IV) (as dihydrochloride) 250 mg/mL, 1 mL ampul (IV) (as dihydrochloride)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
R	
Rabeprazole sodium	Oral: 10 mg and 20 mg tablets
Rabies Immunoglobulin (human)	Inj.: 150 IU/mL, 2 mL and 5 mL vial (IM) 150 IU/mL, 2mL, 5 mL and 10 mL ampul (IM)
Rabies vaccine, Chick Embryo Cell (purified, inactivated)	Inj.: lyophilized powder, 2.5 IU/mL, 1 dose vial + 1 mL diluent (ID, IM)
Rabies vaccine, Vero Cell (purified)	Inj.: lyophilized powder, 2.5 IU/ 0.5 mL, vial + diluent (ID, IM) 2.5 IU/mL suspension, 1 mL vial (IM)
Ranitidine (as hydrochloride)	Oral: 150 mg and 300 mg tablet 75 mg/5 mL syrup, 60 mL and 150 mL Inj.: 25 mg/mL, 2 mL ampul/vial (IM, IV, IV infusion)
Regular, Insulin (recombinant DNA human)	Inj.: 100 IU/mL, 3 mL pre-filled syringe (SC, IV/IM) 100 IU/mL, 5 mL and 10 mL vial (SC, IV/IM)
Remifentanil	Inj.: 1 mg and 2 mg (in vial) lyophilized powder (IV Infusion)
Retinol (vitamin A) (as palmitate) (2)	Oral: 10,000 IU, 25,000 IU and 50,000 IU soft gel capsule 100,000 IU and 200,000 IU soft gel capsule with nipple (only for DOH program) (B)
Ribavirin	Oral: 200 mg, 500 mg and 600 mg tablet
Rifabutin	Oral: 150 mg capsule (for HIV/AIDS patient on concomitant protease inhibitor therapy, in lieu of rifampicin)
Rifampicin	Oral: 300 mg, 450 mg and 600 mg tablet/capsule (B) 200 mg/5 mL suspension, 120 mL
Rifapentine	Oral: 150 mg film coated tablet
Rifaximin	Oral: 200 mg tablet
Rilpivirine (as hydrochloride)	Oral: 25 mg tablet
Risperidone	Oral: 1 mg, 2 mg, 3 mg and 4 mg tablet 1 mg and 2 mg orodispersible tablet 1 mg/mL oral solution, 100 mL Inj.: 25 mg and 37.5 mg MR powder for suspension, vial + 2 mL diluent in pre-filled syringe (IM) 50 mg prolonged-release powder for suspension for injection (IM) with 2 mL diluent (This should not be administered to patients with dementia- related psychoses because of high risk of cardiovascular and infectious-related deaths.)
Rituximab (1, 2)	Inj.: 10 mg/mL, 10 mL and 50 mL vial (IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Rivastigmine (as hydrogen tartrate)	Oral: 1.5 mg, 3 mg, and 6 mg capsule
Rocuronium (as bromide) (1)	Inj.: 10 mg/mL, 5 mL ampul/vial (IV)
Ropivacaine (as hydrochloride)	Inj.: 10 mg/mL, 10 mL ampul (IV)
Rosuvastatin (as calcium salt)	Oral: 10 mg and 20 mg tablet
S	
Sacubitril/Valsartan	Oral: 50 mg, 100 mg and 200 mg tablet (Restricted for patients with symptomatic heart failure with reduced injection fraction (HF-rEF) and for those who have been on stable doses of angiotensin- converting enzyme (ACE) inhibitors and/or angiotensin receptor blockers (ARBs) but remain symptomatic.)
Salbutamol (as sulfate)	Oral: 2 mg/5 mL syrup, 60 mL Inhalation: Dry Powder Inhaler (DPI): 200 micrograms/dose with appropriate accompanying dispenser Metered Dose Inhaler (MDI): 100 micrograms/dose x 200 actuations Breath Actuated MDI: 100 micrograms/dose x 200 actuations Resp. Soln.: (for nebulization) 1 mg/mL, 2.5 mL (unitdose) 2mg/mL, 2.5 mL (unitdose)
Salicylic Acid	Solution: 5%, 30 mL and 60 mL bottle
Sambong [Blumea balsamifera (L) DC (Fam. Compositae)] ●	Oral: 250 mg and 500 mg tablet
Selegiline (as hydrochloride)	Oral: 5 mg tablet
Selenium Sulfide	Lotion: 2.5%, 100 mL bottle
Sertraline (as hydrochloride)	Oral: 50 mg tablet
Sevelamer carbonate	Oral: 800 mg tablet 800 mg powder for suspension
Sevoflurane (1)	Inhalation: 250 mL bottle
Silver Sulfadiazine	Cream: 1%, 15 g and 25 g tube 500 g jar (micronized)
Simvastatin (1)	Oral: 20 mg and 40 mg tablet
Sirolimus (1, 2)	Oral: 0.5 mg and 1 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Sodium Bicarbonate	Oral: 325 mg and 650 mg tablet Inj.: 1 mEq/mL, 10 mL vial (pediatric), 20 mL, 50 mL and 100 mL ampul/vial (adult) (IV infusion)
Sodium Calcium Edetate (1, 2)	Inj.: 200 mg/mL, 5 mL ampul (IM)
Sodium Chloride	Inj.: 2.5 mEq/mL, 20 mL and 50 mL vial
0.9% Sodium Chloride	Inj.: 2 mL, 2.5 mL, 5 mL, 10 mL and 20 mL ampul 50 mL, 100 mL, 200 mL, 500 mL and 1 L bottle/bag (IV infusion) Solution: 1 L bottle solution for irrigation Composition: Na+ — 154 mmol/L Cl- — 154 mmol/L
Sodium Dichloroisocyanurate (to be used for water purification)	Solution: 3.5 mg tablet (2 mg free available chlorine) 8.68 mg tablet (5 mg free available chlorine) 12.5 mg tablet (8 mg free available chlorine) 17 mg tablet (10 mg free available chlorine) 67 mg tablet (40 mg free available chlorine)
Sodium Hyaluronate	Ophthalmic Solution: 0.1% (1 mg/mL), 5 mL and 15 mL bottle
Sodium Hypochlorite	Solution: 1.25% available chlorine for water purification
Sodium Iodide ^{1311} (1, 2)	Oral: capsule with radioactivity range of 0.8 to 100 mCi per capsule capsule with radioactivity range of 1.0 to 250 mCi per capsule solution with radioactivity range of 3.5 to 150 mCi per vial
Sodium Nitrite (1, 2)	Inj.: powder, USP grade
Sodium Nitroprusside (1, 2)	Inj.: 50 mg powder ampul (IV infusion)
Sodium Sulfate	Oral: powder, USP grade
Sodium Thiosulfate (1, 2)	Inj.: 250 mg/mL, 50 mL ampul (IV) Solution: 2.5% and 5%
Sodium Valproate	Oral: 200 mg / 5 mL syrup, 100 mL bottle
Sodium Valproate + Valproic Acid	Oral: 500 mg (333 mg sodium valproate + 145 mg valproic acid) controlled release tablet
Sofosbuvir	Oral: 400 mg tablet
Sofosbuvir + ledipasvir	Oral: 400 mg + 90 mg tablet
Sofosbuvir + velpatasvir	Oral: 400 mg + 100 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Somatostatin (1, 2)	Inj.: 250 microgram and 3 mg ampul/vial (IV, IV infusion)
Soya bean oil + Medium chain triglycerides + Olive oil + Purified fish oil	Inj.: 200 mg/mL (20%) emulsion for IV infusion, 250 mL
Spectinomycin (2)	Inj.: 2 g vial (IM)
Spironolactone (K-sparer) (2, B)	Oral: 25 mg, 50 mg and 100 mg tablet
Standard Senna Concentrate	Oral: 187 mg and 374 mg tablet
Sterile Water for Injection	Inj.: 2 mL, 5 mL, 10 mL and 20 mL ampul 50 mL, 100 mL, 500 mL and 1 L bottle/bag (no preservative)
Streptokinase (1, 2)	Inj.: powder, 1,500,000 IU vial (IV infusion)
Streptomycin (as sulfate)	Inj.: 1 g vial (IM)
Succimer (dimercapto succinic acid, DMSA) (1, 2)	Oral: 100 mg and 200 mg capsule
Sucralfate	Oral: 1 g tablet
Sugammadex	Inj: 100 mg/mL solution for injection (IV), 2 mL vial
Sulfacetamide + Prednisolone	Eye Drops Suspension: 10% sulfacetamide + 0.25% prednisolone (as acetate), 5 mL bottle
Sulfamethoxazole + Trimethoprim (see Cotrimoxazole)	
Sulfur	Cream: 2%, 10 g plastic tube Ointment: 10%, 15 g and 30 g aluminum collapsible tube
Sumatriptan	Oral: 50 mg tablet
Suxamethonium (succinylcholine) (as chloride) (1)	Inj.: 20 mg/mL, 10 mL vial (IV)
T	
Tacrolimus (1, 2)	Oral: 1 mg and 5 mg capsule 1 mg and 5 mg slow-release capsules
Tafluprost	Ophthalmic solution: 15 mcg/mL, 0.3 mL bottle single dose ophthalmic solution
Tamoxifen (as citrate) (1, 2)	Oral: 10 mg and 20 mg tablet
Tamsulosin	Oral: 200 micrograms capsule (as hydrochloride) 200 mcg orally disintegrating tablet 400 mcg prolonged release film coated tablet
Tegafur + Uracil (1, 2)	Oral: 100 mg + 224 mg capsule
Telmisartan	Oral: 40 mg and 80 mg tablet
Telmisartan + Hydrochlorothiazide	Oral: 40 mg + 12.5 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Tenofovir alafenamide fumarate	Oral: 25 mg tablet
Tenofovir disoproxil fumarate	Oral: 300 mg tablet
Tenofovir + Lamivudine + Dolutegravir	Oral: 300 mg + 300 mg + 50 mg (fixed-dose combination) tablet
Terazosin (as hydrochloride)	Oral: 1 mg, 2 mg and 5 mg tablet
Terbinafine	Oral: 250 mg tablet Cream: 1%, 3 g, 5 g, 10 g and 15 g tube (as hydrochloride)
Terbutaline (as sulfate)	Oral: 5 mg tablet 1.5 mg/5 mL syrup, 60 mL Inj.: 500 micrograms/mL, 1 mL ampul (IM, IV, SC) Inhalation: Resp. Soln.: (for nebulization) 2.5 mg/mL, 2 mL unit dose
Testosterone (as undecanoate) (1)	Inj.: 250 mg/mL solution for injection, 4 mL
Tetanus Immunoglobulin (human)	Inj.: 1000 IU/mL, 1.5 mL vial (IM) 1500 IU/mL, 1 mL ampul (IM) 250 IU/mL, 1 mL, 2 mL and 4 mL ampul (IM) 250 IU/mL, 1 mL pre-filled syringe (IM) 250 units/mL, 1 mL and 2 mL vial (IM)
Tetanus Toxoid	Inj.: 0.5 mL ampul (IM) 10 mL vial (IM)
Tetracaine	Inj.: 20 mg ampul (sterile powder) (spinal) (as hydrochloride)
Tetracycline	Oral: 250 mg and 500 mg capsule
Theophylline (anhydrous)	Oral: 150 mg and 200 mg tablet (B) 200 mg MR tablet 25 mg/5 mL (26.7 mg/5 mL) syrup, 100 mL
Thiamine (Vitamin B1)	Oral: 100 mg and 300 mg tablet (as hydrochloride) Inj.: 100 mg/mL, 1 mL ampul/vial (IV) 100 mg/mL, 10 mL vial (as hydrochloride) (IM, IV)
Thiopental Sodium (1, A1)	Inj.: 500 mg vial (IV) 1 g vial + 50 mL diluent (IV)
Timolol (as maleate)	Eye Drops Solution: 0.5%, 5 mL bottle
Tinzaparin (as sodium) (1, 2)	Inj.: 10,000 anti-Xa IU/mL, 0.35 mL and 0.45 mL pre-filled syringe (SC) 10,000 anti-Xa IU/mL, 2 mL vial (SC)
Tiotropium (as bromide)	Inhalation: DPI: 18 micrograms/dose with appropriate

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	accompanying dispenser
Tobramycin	Eye Drops Solution: 0.3%, 5 mL bottle Eye Ointment: 0.3%, 3.5 g tube
Tobramycin + Dexamethasone	Eye Drops Suspension: 0.3% + 0.1%, 5 mL bottle Eye Ointment: 0.3% + 0.1%, 3.5 g tube
Tocilizumab	Inj.: 80 mg/4 mL (20 mg/mL) Concentrate for Solution for IV Infusion 200 mg/10 mL (20 mg/mL) Concentrate for Solution for IV Infusion 400 mg/20 mL (20 mg/mL) Concentrate for Solution for IV Infusion
Tolvaptan	Oral: 15 mg tablet
Topiramate	Oral: 25 mg, 50 mg and 100 mg tablet
Trace Elements	Inj.: contains Zn, Cu, Mn, Mg, Mb etc., 10 mL ampul (IV nutrition)
Tramadol (as hydrochloride) (1)	Oral: 50 mg capsule 50 mg dispersible tablet 100 mg, 150 mg and 200 mg MR tablet Inj.: 50 mg/mL, 1 mL and 2 mL ampul (IM, IV, SC)
Tranexamic Acid	Oral: 250 mg and 500 mg capsule 500 mg tablet Inj.: 100 mg/mL, 2.5 mL and 5 mL ampul (IM, IV)
Trastuzumab (1, 2)	Inj.: 150 mg lyophilized powder (IV infusion) 600 mg/5 mL (120 mg/mL) solution for injection (SC), 5 mL vial
Travoprost	Ophthalmic Solution: 0.004%, 2.5 mL bottle
Triclabendazole	Oral: 250 mg tablet
Trimetazidine (as hydrochloride)	Oral: 35 mg tablet
Tropicamide	Eye Drops Solution: 0.5%, 5 mL bottle
Tropicamide + phenylephrine hydrochloride	Ophthalmic Solution: 5 mg + 5 mg/mL (eye drops) fixed dose combination, 10 mL bottle
Tsaang Gubat • [Carmona retusa (Vahl) Masam (Fam. Boraginaceae)]	Oral: 250 mg tablet
Tuberculin, Purified Protein Derivative (PPD)	Inj.: 2 TU/0.1 mL solution, 1 mL and 5 mL vial (ID) 5 TU/0.1 mL, freeze-dried powder, vial + 2 mL diluent ampul (ID)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Typhoid Vaccine	Oral: live attenuated S. typhi (not less than 109) viable strain, enteric coated tablet(encapsulated) Inj.: Vi-capsular polysaccharide S. typhi 25 micrograms in 0.5 mL pre-filled syringe (IM)
U	
Ursodeoxycholic Acid	Oral: 250 mg capsule 250 mg and 500 mg tablet
V	
Valaciclovir (as hydrochloride)	Oral: 500 mg tablet
Valganciclovir	Oral: 450 mg tablet
Valproic Acid	Oral: 250 mg/5 mL syrup, 120 mL Inj.: 500 mg/ 5mL IV infusion, 5 mL vial
Valsartan	Oral: 80 mg and 160 mg tablet/film coated tablet
Valsartan + Hydrochlorothiazide	Oral: 80 mg valsartan + 12.5 mg hydrochlorothiazide tablet
Vancomycin (as hydrochloride) *Reserve Antimicrobial	Inj.: 500 mg and 1 g vial (IV)
Varenicline	Oral: 0.5 mg and 1 mg tablet
Varicella Zoster Immunoglobulin (VZIG)	Inj.: 125 units/1.25 mL vial (IM)
Vasopressin	Inj.: 20 IU/mL (IM, IV)
Vecuronium (as bromide) (1	Inj.: freeze-dried powder, 4 mg/mL ampul + 1 mL solvent (IV)
Verapamil (as hydrochloride)	Oral: 80 mg tablet (B) 240 mg MR tablet (for maintenance therapy) Inj.: 2.5 mg/mL, 2 mL ampul (IV) (1, 2)
Vinblastine (as sulfate) (1, 2)	Inj.: powder, 10 mg vial for reconstitution (IV) 1 mg/mL, 10 mL vial (IV)
Vincristine (as sulfate) (1, 2)	Inj.: 1 mg/mL, 1 mL and 2 mL vial (IV)
Vitamin A (see Retinol)	
Vitamin B1 B6 B12	Oral: 100 mg B1 + 5 mg B6 + 50 microgram B12 per tablet/capsule 10 mg B1 + 5 mg B6 + 5 micrograms B12 per 0.6 mL drops, 15 mL Inj.: 100 mg B1 + 100 mg B6 + 1 mg B12 per 3 mL ampul (IV) 100 mg B1 + 100 mg B6 + 1 mg B12 per mL, 10 mL vial (IV)
Vitamin B6 (see Pyridoxine)	
Vitamin C (see Ascorbic Acid)	

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Vitamin Intravenous, Fat-Soluble	Inj.: contains vitamins A, D, E and K, 10 mL ampul (IV)
Vitamin Intravenous, Water-Soluble	
Vitamin K1 (see Phytomenadione)	
Voriconazole (Inj. - *Reserve Antimicrobial	Oral: 200 mg film-coated tablet Inj.: 200mg lyophilized powder for solution for IV infusion, 30mL Vial
W	
Warfarin (as sodium salt) (1, 2)	Oral: 1 mg, 2.5 mg and 5 mg tablet
Y	
Yellow Fever Vaccine	Inj.: 1000 DL 50 mouse min (attenuated) vial + 0.5 mL solvent syringe (IM, SC) (For Bureau of Quarantine Use Only)
Z	
Zidovudine	Oral: 100 mg capsule 300mg tablet 50mg/5mL suspension, 240mL per bottle
Zidovudine + Lamivudine	Oral: 60 mg + 30 mg dispersible tablet
Zinc	Oral: chewable tablet, (equiv. to 10 mg elementalzinc) (as gluconate) tablet, (equiv. to 30 mg elemental zinc) (as gluconate trihydrate) 88mg dispersible tablet (equivalent to 20mg zinc) (as sulfate) solution, (equiv. to 10 mg elemental zinc/mL) drops, 15 mL, (as sulfate monohydrate) solution, (equiv. to 20 mg elemental zinc/5 mL) syrup, 60 mL (as sulfate monohydrate) 70 mg/5 mL syrup (equivalent to 10 mg elemental zinc), 60 mL and 120 mL (as gluconate)
Zoledronic Acid	Inj.: 4mg/5mL concentrated solution for IV Infusion
Zolmitriptan	Oral: 2.5 mg tablet
Zolpidem (A1)	Oral: ⊗10 mg tablet

FREQUENTLY ASKED QUESTIONS (FAQS)

1. What is the Philippine National Formulary (PNF)?

   - It contains the list of essential medicines that can be procured by the government. It also serves as the basis for Philhealth reimbursement for both public and private health facilities.

2. Who can apply medicines for inclusion in the PNF?

   - Only the following proponents can apply in the PNF:
     A. Pharmacy and Therapeutics Committee (PTC) of both public and private hospitals
     B. Professional medical societies recognized by the Philippine Medical Association (PMA)
     C. Patient groups
     D. National Health Programs (DOH Offices, Philhealth)
     E. Formulary Executive Council
     F. National Antibiotic Guidelines Committee

3. How to apply for inclusion of medicines in the PNF?

   - Applications for inclusion shall only be accepted within the month of January of each year.
   - The proponent shall completely accomplish the PNF form for inclusion, which shall be signed by the:
     A. PTC Chair for hospitals
     B. President for professional medical societies and patient organization
     C. Head of Office for National Health Programs
   - The form maybe downloaded from the Pharmaceutical Division website, www.pharmadiv.doh.gov.ph
   - Application may also be done online through: http://www.pnf.doh.gov.ph
   - The PNF secretariat shall check the completeness of submission before it will be presented to the Formulary Executive Council. Incomplete submissions will not be processed and will be returned to the proponent.

4. How to procure non-PNF medicines that are urgently needed?

   - This can be done through application for exemption from Executive Order No. 49 s. 1993 *(Directing the Mandatory Use of the Philippine National Drug Formulary (PNDF) Volume I as the Basis for Procurement of Drug Products by the Government)*. The health facility shall completely accomplish the PNF form for exemption, which shall be signed by the:
     A. PTC Chair for hospitals
     B. Head of Office for National Health Programs
   - The form maybe downloaded from the Pharmaceutical Division website, www.pharmadiv.doh.gov.ph
   - The PNF secretariat shall check the completeness of submission before it will be presented to the Formulary Executive Council. Incomplete submissions will not be processed and will be returned to the proponent.

5. If an exemption is granted to a certain medicine, will this be applicable to all health facilities?

   - Only the requesting health facility shall be allowed to procure the exempted medicine. A certificate of exemption with a validity of one (1) year shall be issued to the proponent.

6. How do I get updates on the PNF?

   - Please visit the website of the Pharmaceutical Division, www.pharmadiv.doh.gov.ph, for the updated list of PNF medicines.
   - You may also directly contact the PNF secretariat and look for Ms. Joyce Anne Ceria-Pereña or Ms. Johanna Mallari through the following:
     A. Email address: pnf.doh@gmail.com / pndfs.secretariat@gmail.com
     B. Telephone number: 875-7734 ext. 253

RESERVE ANTIMICROBIALS

RESERVE ANTIBACTERIAL

Medicine	Dosage Forms/Strengths
Aztreonam	1 g Powder for injection
Cefepime	500 mg (as Hydrochloride) Vial (IM, IV)
	1 g (as Hydrochloride) Vial (IM, IV)
	2 g (as Hydrochloride) Vial (IM, IV)
Colistin	2,000,000 IU Lyophilized powder for injection (IV infusion)
Ertapenem	1 g (as Sodium) Powder Vial (IM,IV)
Linezolid	600 mg Tablet / Film-coated tablet
	2 mg/mL (600 mg/300 mL) Solution for IV infusion (IV)
Meropenem	500 mg (as Trihydrate) Powder Vial (IV)
	1 g (as Trihydrate) Powder Vial (IV)
Vancomycin	500 mg (as Hydrochloride) Vial (IV)
	1 g (as Hydrochloride) Vial (IV)

RESERVE ANTIFUNGALS

Medicine	Dosage Forms/Strengths
Amphotericin B	50 mg (as Cholesteryl complex, colloidal dispersion) Vial (Lipid complex)
	100 mg Vial (Lipid complex)
	50 mg Lyophilized powder Vial (Non-lipid complex)
Micafungin	50 mg Lyophilized powder for infusion (IV)
Voriconazole	200 mg Film coated tablet
	200 mg Lyophilized powder for solution for IV infusion, 30 mL Vial

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DEPARTMENT of HEALTH